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**NIH Trainee Allocation and management
system**

Minor Project Thesis

Submitted By:

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technology



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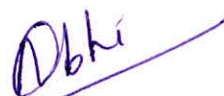
Shubham Chaudhary

140970101042

Certificate

We hereby certify that the project work entitled "NIH Trainee Allocation and Management system" carried out by Mr. Shubham Chaudhary, B-tech(Computer Science and Technology), THDC Institute of hydropower Engineering and Technology, B.Puram is authentic record of work carried out by him during June 14,2017 to August 20,2017 under our guidance.

We appreciate the sincerity and hard work put by Mr. Shubham Chaudhary for completing the task in 60 days period. We wish him Success in his future endeavour.


(Abhishek Aggarwal)

Computer Centre,
NIH Roorkee


(Dr. A.K Lohani)
Scientist 'G' & Head
Computer Centre,
NIH Roorkee

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Shubham Chaudhary



Abstract

As we all know that Trainee Allocation and management system is very essential part in any Organization as it stores all the information of Trainee (student and employes). With the help of Trainee Allocation and management system we can easily see the information(data) without travelling to the destination. In the present work, Trainee Allocation and management System existing at National Institute of Hydrology (NIH) Roorkee has been visited and discussed. In the study, discussion has been made how trainee register themselves for training at NIH, Roorkee, how their information is saved etc. However, due to paucity of time, more substantial study could have been done with the data available at the Computer Centre of NIH Roorkee. This study is just an attempt to understand the concept of Trainee Allocation and management System in a real organisation.

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About NIH
THE ROLE AND FUNCTIONS
OF
NATIONAL INSTITUTE OF HYDROLOGY

- To undertake, aid, promote and coordinate systematic and scientific work on all aspects of hydrology.
- To cooperate and collaborate with other national, foreign and international organizations in the field of hydrology.
- To establish and maintain a research and reference library in pursuance of the objectives of the Society and equip the same with books, reviews, magazines and other relevant publications.
- To do all other such things as the Society may consider necessary, incidental or conducive for the attainment of the objectives for which the Institute has been established.

TraineeAllocationAndManagementSystem.java

```
package trainee.allocation.system;

import java.awt.Toolkit;

/**
 *
 * @author satendra_rawat
 */
public class TraineeAllocationSystem {

    public static void main(String[] args) {
        // TODO code application logic here

        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                WelcomeForm welcome= new WelcomeForm();
                welcome.setAlwaysOnTop(true);
                // welcome.setUndecorated(true);
                welcome.setSize(Toolkit.getDefaultToolkit().getScreenSize());
                welcome.setVisible(true);
            }
        });
    }
}
```

WelcomeForm.java

```
package trainee.allocation.system;

import java.awt.Image;
import java.awt.Toolkit;
import javax.swing.ImageIcon;

/**
 *
 * @author satendra_rawat
 */
public class WelcomeForm extends javax.swing.JFrame {

    public WelcomeForm() {

        initComponents();

        @SuppressWarnings("unchecked")
        // <editor-fold defaultstate="collapsed" desc="Generated Code">
        private void initComponents() {

            BtnClick = new javax.swing.JButton();
            jLabel1 = new javax.swing.JLabel();

            setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
            setLocation(new java.awt.Point(0, 0));
            setResizable(false);
            getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

            BtnClick.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N
            BtnClick.setForeground(new java.awt.Color(0, 153, 204));
            BtnClick.setText("Click Here To Continue");
            BtnClick.setBorder(new
                javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
                java.awt.Color.white, java.awt.Color.white, java.awt.Color.white, java.awt.Color.white));
            BtnClick.addActionListener(new java.awt.event.ActionListener() {
                public void actionPerformed(java.awt.event.ActionEvent evt) {
                    BtnClickActionPerformed(evt);
                }
            });
        }
    }
}
```

```

    });
    getContentPane().add(BtnClick, new org.netbeans.lib.awtextra.AbsoluteConstraints(790,
630, 400, 50));

    JLabel1.setIcon(new ImageIcon(new
javax.swing.ImageIcon(getClass().getResource("/icon/paint.png")).getImage().getScaledInstanc
e(Toolkit.getDefaultToolkit().getScreenSize().width, Toolkit.getDefaultToolkit().getScreenSize().h
eight, Image.SCALE_DEFAULT)));
    JLabel1.setMaximumSize(new java.awt.Dimension(1014, 766));
    JLabel1.setOpaque(true);
    getContentPane().add(JLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(-6, 0,
-1, -1));

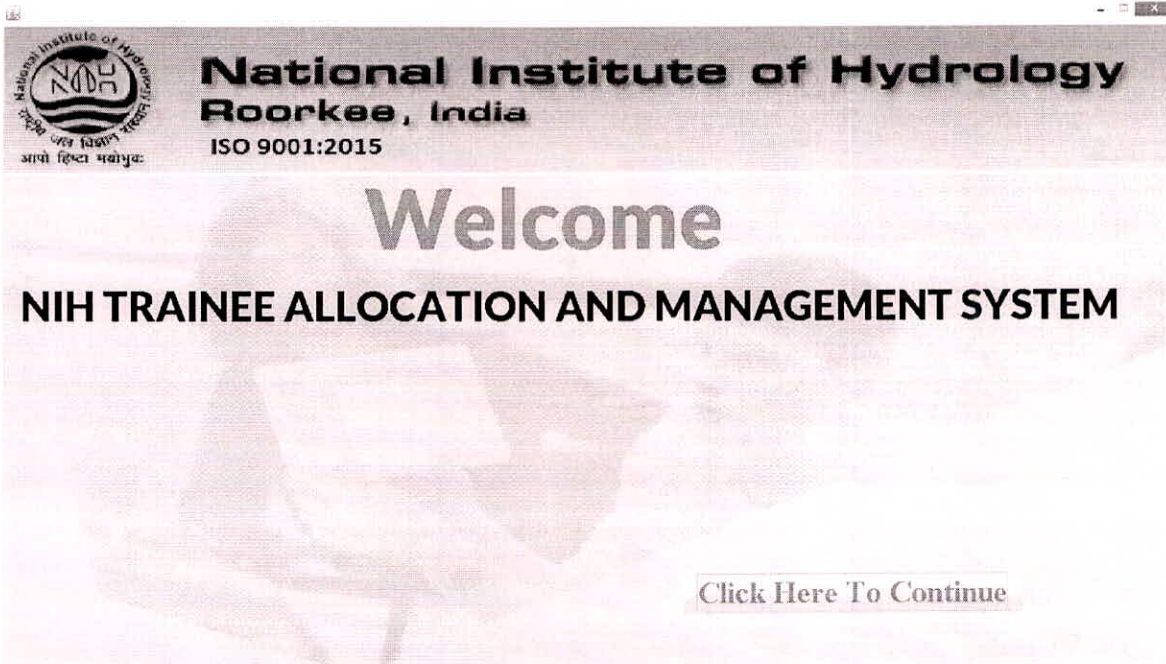
    pack();
} // </editor-fold>

private void BtnClickActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new LoginForm().setVisible(true);
        }
    });
    this.dispose();
    // setVisible(false);
}

// Variables declaration - do not modify
private javax.swing.JButton BtnClick;
private javax.swing.JLabel JLabel1;
// End of variables declaration
}

```



Welcome form

Login.java

```
package trainee.allocation.system;
```

```
import database.LoginValidation;
```

```
import java.awt.Dimension;
```

```
import java.awt.Toolkit;
```

```
import javax.swing.JOptionPane;
```

```
/**
```

```
*
```

```
* @author satndra_rawat
```

```

*/
public class LoginForm extends javax.swing.JFrame {

    public LoginForm() {
        initComponents();

        // get the screen size as a java dimension
        Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize();

        // get 2/3 of the height, and 2/3 of the width
        int height = screenSize.height;
        int width = screenSize.width;

        // set the JFrame height and width
        this.setPreferredSize(new Dimension(width, height));
        this.setMaximumSize(new Dimension(width, height));
        this.setMinimumSize(new Dimension(width/2, height/2));
    }

    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        BtnLogin = new javax.swing.JButton();
        BtnRegister = new javax.swing.JButton();
        BtnExit = new javax.swing.JButton();
        txtUserId = new javax.swing.JTextField();
        pwdPassword = new javax.swing.JPasswordField();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setBackground(new java.awt.Color(255, 255, 255));
        setLocation(new java.awt.Point(270, 50));
        setMinimumSize(new java.awt.Dimension(865, 540));
        setResizable(false);
        setSize(new java.awt.Dimension(865, 540));
        getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

        BtnLogin.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
        BtnLogin.setForeground(new java.awt.Color(0, 153, 204));
        BtnLogin.setText("Login");
    }

```

```

        BtnLogin.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
java.awt.Color.white, java.awt.Color.white, java.awt.Color.white, java.awt.Color.white));
        BtnLogin.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
        BtnLogin.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                BtnLoginActionPerformed(evt);
            }
        });
        getContentPane().add(BtnLogin, new org.netbeans.lib.awtextra.AbsoluteConstraints(230,
420, 150, 40));

```

```

        BtnRegister.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
        BtnRegister.setForeground(new java.awt.Color(0, 153, 204));
        BtnRegister.setText("Register");
        BtnRegister.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
java.awt.Color.white, java.awt.Color.white, java.awt.Color.white, java.awt.Color.white));
        BtnRegister.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
        BtnRegister.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                BtnRegisterActionPerformed(evt);
            }
        });
        getContentPane().add(BtnRegister, new
org.netbeans.lib.awtextra.AbsoluteConstraints(400, 420, 140, 40));

```

```

        BtnExit.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
        BtnExit.setForeground(new java.awt.Color(0, 153, 204));
        BtnExit.setText("Exit");
        BtnExit.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
java.awt.Color.white, java.awt.Color.white, java.awt.Color.white, java.awt.Color.white));
        BtnExit.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
        BtnExit.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                BtnExitActionPerformed(evt);
            }
        });
        getContentPane().add(BtnExit, new org.netbeans.lib.awtextra.AbsoluteConstraints(560,
420, 140, 40));

```

```

        txtUserId.setText("Enter User ID");

```

```

txtUserId.setToolTipText("");
txtUserId.setBorder(null);
txtUserId.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        txtUserIdKeyTyped(evt);
    }
});
getContentPane().add(txtUserId, new org.netbeans.lib.awtextra.AbsoluteConstraints(230,
310, 470, 30));

pwdPassword.setText("Enter User ID");
pwdPassword.setBorder(null);
pwdPassword.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        pwdPasswordKeyTyped(evt);
    }
});
getContentPane().add(pwdPassword, new
org.netbeans.lib.awtextra.AbsoluteConstraints(230, 370, 470, 30));

jLabel1.setBackground(new java.awt.Color(255, 255, 255));
jLabel1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/school/management/school/images/login.jpg")
)); // NOI18N

jLabel1.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBord
er.RAISED, java.awt.Color.white, java.awt.Color.white, java.awt.Color.white,
java.awt.Color.white));
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
865, 540));

jLabel2.setText("jLabel2");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(130,
20, 440, 80));

pack();
} // </editor-fold>

private void BtnLoginActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    String email = txtUserId.getText();

```

```

String password = pwdPassword.getText();

if(email.equals("Enter User ID") || password.equals("Enter User ID")){

    JOptionPane.showMessageDialog(rootPane, "plz enter email or password");
}else{

    boolean b=LoginValidation.loginValidation(email, password);

    if(b){

        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new MainForm().setVisible(true);
            }
        });
        this.dispose();
    }else{

        JOptionPane.showMessageDialog(rootPane, "plz enter current email and password");
    }

}

}

private void BtnExitActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new WelcomeForm().setVisible(true);
        }
    });
    this.dispose();
}

private void BtnRegisterActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    java.awt.EventQueue.invokeLater(new Runnable() {
        @Override
        public void run() {

```

```

        new RegisterForm().setVisible(true);
    }
});
this.dispose();
//setVisible(false);
}

private void txtUserIdKeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:

    if(txtUserId.getText().equals("Enter User ID")){

        txtUserId.setText("");
    }else if(txtUserId.getText().isEmpty()){

        txtUserId.setText("Enter User ID");
    }
}

private void pwdPasswordKeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:

    if(pwdPassword.getText().equals("Enter User ID")){

        pwdPassword.setText("");
    }else if(pwdPassword.getText().isEmpty()){

        pwdPassword.setText("Enter User ID");
    }
}

// Variables declaration - do not modify
private javax.swing.JButton BtnExit;
private javax.swing.JButton BtnLogin;
private javax.swing.JButton BtnRegister;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JPasswordField pwdPassword;
private javax.swing.JTextField txtUserId;
// End of variables declaration
}

```

National Institute of Hydrology
Roorkee, India
 ISO 9001:2015

Log In

User ID:
 Enter User ID

Password:

Login Register Exit

Login form

RegisterForm.java

```
package trainee.allocation.system;

import database.UserRegister;
import java.awt.event.KeyEvent;
import javax.swing.JOptionPane;

/**
 *
 * @author satendra_rawat
 */
public class RegisterForm extends javax.swing.JFrame {
```

```

public RegisterForm() {
    initComponents();
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    BtnSubmit = new javax.swing.JButton();
    BtnReset = new javax.swing.JButton();
    BtnCancel = new javax.swing.JButton();
    jLabel9 = new javax.swing.JLabel();
    pwdPassword = new javax.swing.JPasswordField();
    pwdConfirmPassword = new javax.swing.JPasswordField();
    jScrollPane1 = new javax.swing.JScrollPane();
    txtAreaAddress = new javax.swing.JTextArea();
    txtFName = new javax.swing.JTextField();
    txtEmail = new javax.swing.JTextField();
    txtContact = new javax.swing.JTextField();
    txtLName = new javax.swing.JTextField();
    jLabel1 = new javax.swing.JLabel();
    jPanel1 = new javax.swing.JPanel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setLocation(new java.awt.Point(270, 50));
    setResizable(false);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jLabel2.setBackground(new java.awt.Color(0, 0, 255));
    jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(204, 0, 51));
    jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel2.setText("User Registration");
    getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(200,
160, 370, 50));

```

```
jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 153, 204));
jLabel3.setText("First Name");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
220, 160, -1));
```

```
jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel4.setForeground(new java.awt.Color(0, 153, 204));
jLabel4.setText("Last Name");
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
260, 150, -1));
```

```
jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel5.setForeground(new java.awt.Color(0, 153, 204));
jLabel5.setText("Contact Number");
getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
300, 220, 30));
```

```
jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel6.setForeground(new java.awt.Color(0, 153, 204));
jLabel6.setText("Email Id");
getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
340, 160, -1));
```

```
jLabel7.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel7.setForeground(new java.awt.Color(0, 153, 204));
jLabel7.setText("Password");
getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
380, 140, 30));
```

```
jLabel8.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel8.setForeground(new java.awt.Color(0, 153, 204));
jLabel8.setText("Confirm Password");
getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
420, 250, 30));
```

```
BtnSubmit.setBackground(new java.awt.Color(255, 255, 255));
BtnSubmit.setFont(new java.awt.Font("Curlz MT", 1, 18)); // NOI18N
BtnSubmit.setForeground(new java.awt.Color(255, 0, 0));
BtnSubmit.setText("Submit");
BtnSubmit.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED, new
```

```

java.awt.Color(0, 153, 204), new java.awt.Color(0, 153, 204), new java.awt.Color(0, 153, 204),
new java.awt.Color(0, 153, 204)));
    BtnSubmit.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
    BtnSubmit.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            BtnSubmitActionPerformed(evt);
        }
    });
    getContentPane().add(BtnSubmit, new org.netbeans.lib.awtextra.AbsoluteConstraints(660,
320, 120, 40));

    BtnReset.setBackground(new java.awt.Color(255, 255, 255));
    BtnReset.setFont(new java.awt.Font("Curlz MT", 1, 18)); // NOI18N
    BtnReset.setForeground(new java.awt.Color(255, 0, 0));
    BtnReset.setText("Reset");
    BtnReset.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED, new
java.awt.Color(0, 153, 204), new java.awt.Color(0, 153, 204), new java.awt.Color(0, 153, 204),
new java.awt.Color(0, 153, 204)));
    BtnReset.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
    BtnReset.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            BtnResetActionPerformed(evt);
        }
    });
    getContentPane().add(BtnReset, new org.netbeans.lib.awtextra.AbsoluteConstraints(660,
400, 120, 40));

    BtnCancel.setBackground(new java.awt.Color(255, 255, 255));
    BtnCancel.setFont(new java.awt.Font("Curlz MT", 1, 18)); // NOI18N
    BtnCancel.setForeground(new java.awt.Color(255, 0, 0));
    BtnCancel.setText("Cancel");
    BtnCancel.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED, new
java.awt.Color(0, 153, 204), new java.awt.Color(0, 153, 204), new java.awt.Color(0, 153, 204),
new java.awt.Color(0, 153, 204)));
    BtnCancel.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
    BtnCancel.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            BtnCancelActionPerformed(evt);
        }
    });

```

```
getContentPane().add(BtnCancel, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 480, 120, 40));
```

```
jLabel9.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel9.setForeground(new java.awt.Color(0, 153, 204));
jLabel9.setText("Address");
getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 480, 130, 30));
```

```
pwdPassword.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
pwdPassword.setForeground(new java.awt.Color(0, 183, 255));
pwdPassword.setText("ENTER YOUR PASSWORD");
pwdPassword.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        pwdPasswordKeyTyped(evt);
    }
});
getContentPane().add(pwdPassword, new
org.netbeans.lib.awtextra.AbsoluteConstraints(330, 380, 270, 30));
```

```
pwdConfirmPassword.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
pwdConfirmPassword.setForeground(new java.awt.Color(0, 197, 255));
pwdConfirmPassword.setText("ENTER YOUR PASSWORD");
pwdConfirmPassword.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        pwdConfirmPasswordKeyTyped(evt);
    }
});
getContentPane().add(pwdConfirmPassword, new
org.netbeans.lib.awtextra.AbsoluteConstraints(330, 420, 270, 30));
```

```
txtAreaAddress.setColumns(20);
txtAreaAddress.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N
txtAreaAddress.setForeground(new java.awt.Color(0, 181, 255));
txtAreaAddress.setRows(5);
jScrollPane1.setViewportView(txtAreaAddress);
```

```
getContentPane().add(jScrollPane1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(330, 460, 270, 80));
```

```
txtFName.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
txtFName.setForeground(new java.awt.Color(0, 182, 255));
txtFName.setText("ENTER YOUR FIRST NAME");
```

```

txtFName.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtFNameActionPerformed(evt);
    }
});
txtFName.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        txtFNameKeyTyped(evt);
    }
});
getContentPane().add(txtFName, new org.netbeans.lib.awtextra.AbsoluteConstraints(330,
220, 270, 30));

```

```

txtEmail.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
txtEmail.setForeground(new java.awt.Color(0, 168, 255));
txtEmail.setText("ENTER YOUR EMAIL ID");
txtEmail.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtEmailActionPerformed(evt);
    }
});
txtEmail.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        txtEmailKeyTyped(evt);
    }
});
getContentPane().add(txtEmail, new org.netbeans.lib.awtextra.AbsoluteConstraints(330,
340, 270, 30));

```

```

txtContact.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
txtContact.setForeground(new java.awt.Color(0, 177, 255));
txtContact.setText("ENTER YOUR CONTACT NO");
txtContact.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtContactActionPerformed(evt);
    }
});
txtContact.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        txtContactKeyTyped(evt);
    }
});

```

```
getContentPane().add(txtContact, new org.netbeans.lib.awtextra.AbsoluteConstraints(330,
300, 270, 30));
```

```
txtLName.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
txtLName.setForeground(new java.awt.Color(0, 166, 255));
txtLName.setText("ENTER YOUR LAST NAME");
txtLName.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtLNameActionPerformed(evt);
    }
});
txtLName.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        txtLNameKeyTyped(evt);
    }
});
```

```
getContentPane().add(txtLName, new org.netbeans.lib.awtextra.AbsoluteConstraints(330,
260, 270, 30));
```

```
jLabel1.setBackground(new java.awt.Color(255, 255, 255));
jLabel1.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 0, 0));
jLabel1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/school/management/school/images/home.jpg"
))); // NOI18N
jLabel1.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED,
java.awt.Color.white, java.awt.Color.white, java.awt.Color.white, java.awt.Color.white));
jLabel1.setOpaque(true);
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
860, 550));
getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(110,
10, 560, 70));
```

```
pack();
} // </editor-fold>
```

```
private void BtnSubmitActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    firstName = txtFName.getText();
    lastName = txtLName.getText();
    email = txtEmail.getText();
    contactNumber = txtContact.getText();
}
```

```

address = txtAreaAddress.getText();
password= String.valueOf(pwdPassword.getPassword());
rePassword = String.valueOf(pwdConfirmPassword.getPassword());

int c = check();

if(c==1)
{

    if(password.equals(rePassword))
    {
        String s[]={firstName,lastName,contactNumber,email,password,address};

        int a= UserRegister.userRegister(s);

        if(a==10)
        {
            JOptionPane.showMessageDialog(rootPane, "Email Id already exists");
            txtEmail.setText("Enter Your Email id");
        }
        else if(a>0)
        {
            java.awt.EventQueue.invokeLater(new Runnable() {
                public void run() {
                    new LoginForm().setVisible(true);
                }
            });
            setVisible(false);
        }
        else{
            JOptionPane.showMessageDialog(rootPane, "Please Try Again...");
        }
    }
    else
    {
        JOptionPane.showMessageDialog(rootPane, "Please Enter Same Password");
    }
}
}

```

```

private void BtnResetActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    reset();
}

private void BtnCancelActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new WelcomeForm().setVisible(true);
        }
    });
    this.dispose();
}

private void txtFNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void txtEmailActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void txtContactActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void txtLNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void txtContactKeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
    char c=evt.getKeyChar();
    if (!(Character.isDigit(c)|| (c==
KeyEvent.VK_BACK_SPACE)|| (c==KeyEvent.VK_DELETE))){
        getToolkit().beep();
        evt.consume();
    }

    if(txtContact.getText().equals("ENTER YOUR CONTACT NO")){

        txtContact.setText("");
    }
}

```

```

    }else if(txtContact.getText().isEmpty()){

        txtContact.setText("ENTER YOUR CONTACT NO");
    }

}

private void txtFNameKeyTyped(java.awt.event.KeyEvent evt) {

    if(txtFName.getText().equals("ENTER YOUR FIRST NAME")){

        txtFName.setText("");
    }else if(txtFName.getText().isEmpty()){

        txtFName.setText("ENTER YOUR FIRST NAME");
    }

}

private void txtLNameKeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:

    if(txtLName.getText().equals("ENTER YOUR LAST NAME")){

        txtLName.setText("");
    }else if(txtLName.getText().isEmpty()){

        txtLName.setText("ENTER YOUR LAST NAME");
    }

}

private void txtEmailKeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:

    if(txtEmail.getText().equals("ENTER YOUR EMAIL ID")){

        txtEmail.setText("");
    }else if(txtEmail.getText().isEmpty()){

        txtEmail.setText("ENTER YOUR EMAIL ID");
    }

}

```

```

private void pwdPasswordKeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:

    if(pwdPassword.getText().equals("ENTER YOUR PASSWORD")){

        pwdPassword.setText("");
    }else if(pwdPassword.getText().isEmpty()){

        pwdPassword.setText("ENTER YOUR PASSWORD");
    }
}

private void pwdConfirmPasswordKeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
    if(pwdConfirmPassword.getText().equals("ENTER YOUR PASSWORD")){

        pwdConfirmPassword.setText("");
    }else if(pwdConfirmPassword.getText().isEmpty()){

        pwdConfirmPassword.setText("ENTER YOUR PASSWORD");
    }
}

}

//Functions

public int check()
{
    if(firstName.equals("ENTER YOUR FIRST NAME")){
        JOptionPane.showMessageDialog(rootPane, "Please Fill First Name", "Error",
JOptionPane.ERROR_MESSAGE);

    }

    else if(lastName.equals("ENTER YOUR LAST NAME")){
        JOptionPane.showMessageDialog(rootPane, "Please Fill Last Name", "Error",
JOptionPane.ERROR_MESSAGE);

    }

    else if(contactNumber.equals("ENTER YOUR CONTACT NO")){

```

```

        JOptionPane.showMessageDialog(rootPane, "Please Fill Contact Number", "Error",
JOptionPane.ERROR_MESSAGE);
    }

    else if(email.equals("ENTER YOUR EMAIL ID")){
        JOptionPane.showMessageDialog(rootPane, "Please Fill Email ID", "Error",
JOptionPane.ERROR_MESSAGE);
    }

    else if (password.equals("ENTER YOUR PASSWORD"))
    {
        JOptionPane.showMessageDialog(rootPane, "Please Fill Password", "Error",
JOptionPane.ERROR_MESSAGE);
    }

    else if (rePassword.equals("ENTER YOUR PASSWORD"))
    {
        JOptionPane.showMessageDialog(rootPane, "Please Fill Confirm Password", "Error",
JOptionPane.ERROR_MESSAGE);
    }

    else if(txtAreaAddress.getText().length()==0){
        JOptionPane.showMessageDialog(rootPane, "Please Fill Address", "Error",
JOptionPane.ERROR_MESSAGE);
    }

    else{
        //JOptionPane.showMessageDialog(this, "Successfully checked", "Student
Record", JOptionPane.INFORMATION_MESSAGE);
        a =1;
    }
    return a;
}

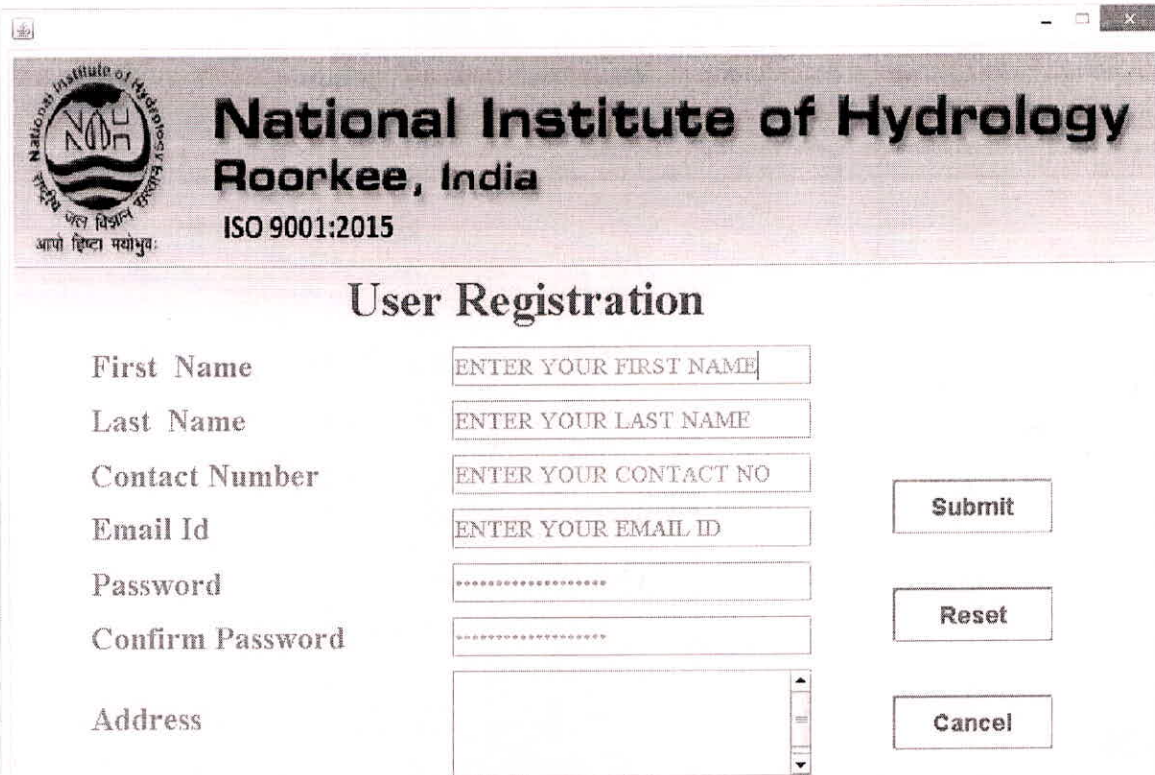
public void reset()
{
    txtFName.setText("ENTER YOUR FIRST NAME");
    txtLName.setText("ENTER YOUR LAST NAME");
    txtContact.setText("ENTER YOUR CONTACT NO");
    txtEmail.setText("ENTER YOUR EMAIL ID");
    pwdPassword.setText("ENTER YOUR PASSWORD");
}

```

```
        pwdConfirmPassword.setText("ENTER YOUR PASSWORD");
        txtAreaAddress.setText("");
    }
```

```
// Variables declaration - do not modify
private javax.swing.JButton BtnCancel;
private javax.swing.JButton BtnReset;
private javax.swing.JButton BtnSubmit;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JPasswordField pwdConfirmPassword;
private javax.swing.JPasswordField pwdPassword;
private javax.swing.JTextArea txtAreaAddress;
private javax.swing.JTextField txtContact;
private javax.swing.JTextField txtEmail;
private javax.swing.JTextField txtFName;
private javax.swing.JTextField txtLName;
// End of variables declaration
String firstName;
String lastName;
String contactNumber;
String email;
String password;
String rePassword;
String address;
int a;

}
```



National Institute of Hydrology
Roorkee, India
ISO 9001:2015

User Registration

First Name

Last Name

Contact Number

Email Id

Password

Confirm Password

Address

Submit

Reset

Cancel

Registration Form

MainForm.java

```
package trainee.allocation.system;

import java.awt.Dimension;
import java.awt.Image;
import java.awt.Toolkit;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;

/**
 *
 * @author satendra_rawat
 */
public class MainForm extends javax.swing.JFrame {
```

```

/**
 * Creates new form MDIForm
 */
public MainForm() {
    initComponents();
    this.setExtendedState(MainForm.MAXIMIZED_BOTH);

    setTitle("NIH Trainee Management System");
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jDesktopPane1 = new javax.swing.JDesktopPane();
    jInternalFrame1 = new javax.swing.JInternalFrame();
    BtnStudent = new javax.swing.JButton();
    BtnTeacher = new javax.swing.JButton();
    BtnStudentsList = new javax.swing.JButton();
    BtnTeachersList = new javax.swing.JButton();
    BtnBack = new javax.swing.JButton();
    jLabel1 = new javax.swing.JLabel();
    jPanel1 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jMenuBar1 = new javax.swing.JMenuBar();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("School Management System");
    addPropertyChangeListener(new java.beans.PropertyChangeListener() {
        public void propertyChange(java.beans.PropertyChangeEvent evt) {
            formPropertyChange(evt);
        }
    });

    jInternalFrame1.setBorder(new javax.swing.border.MatteBorder(null));
    jInternalFrame1.setResizable(true);
    jInternalFrame1.setTitle("HOME");
    jInternalFrame1.setToolTipText("HOME FORM");
    jInternalFrame1.setVisible(true);
    jInternalFrame1.getContentPane().setLayout(null);

```

```

        BtnStudent.setFont(new java.awt.Font("Curlz MT", 3, 18)); // NOI18N
        BtnStudent.setForeground(new java.awt.Color(0, 0, 153));
        BtnStudent.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/icon/GATEPASS.png"))); // NOI18N
        BtnStudent.setToolTipText("GATE PASS");
        BtnStudent.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED, null, new
java.awt.Color(204, 204, 204), null, null));
        BtnStudent.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
        BtnStudent.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
        BtnStudent.setName(""); // NOI18N
        BtnStudent.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                BtnStudentActionPerformed(evt);
            }
        });
        jInternalFrame1.getContentPane().add(BtnStudent);
        BtnStudent.setBounds(10, 240, 160, 65);

        BtnTeacher.setFont(new java.awt.Font("Curlz MT", 3, 18)); // NOI18N
        BtnTeacher.setForeground(new java.awt.Color(0, 0, 153));
        BtnTeacher.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/icon/view.png"))); // NOI18N
        BtnTeacher.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED, null, new
java.awt.Color(204, 204, 204), null, null));
        BtnTeacher.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
        BtnTeacher.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                BtnTeacherActionPerformed(evt);
            }
        });
        jInternalFrame1.getContentPane().add(BtnTeacher);
        BtnTeacher.setBounds(10, 440, 160, 65);

        BtnStudentsList.setFont(new java.awt.Font("Curlz MT", 3, 18)); // NOI18N
        BtnStudentsList.setForeground(new java.awt.Color(0, 0, 153));
        BtnStudentsList.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/icon/bio.png"))); // NOI18N

        BtnStudentsList.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.Be
velBorder.RAISED));

```

```

BtnStudentsList.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
BtnStudentsList.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        BtnStudentsListActionPerformed(evt);
    }
});
jInternalFrame1.getContentPane().add(BtnStudentsList);
BtnStudentsList.setBounds(10, 340, 160, 65);

BtnTeachersList.setFont(new java.awt.Font("Curlz MT", 3, 18)); // NOI18N
BtnTeachersList.setForeground(new java.awt.Color(0, 0, 153));
BtnTeachersList.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/school/management/school/images/sims.jpg"))
); // NOI18N
BtnTeachersList.setBorder(new javax.swing.border.MatteBorder(null));
BtnTeachersList.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
jInternalFrame1.getContentPane().add(BtnTeachersList);
BtnTeachersList.setBounds(20, 20, 140, 140);

BtnBack.setFont(new java.awt.Font("Curlz MT", 1, 24)); // NOI18N
BtnBack.setForeground(new java.awt.Color(0, 0, 153));
BtnBack.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/icon/backbtn.png"))); // NOI18N
BtnBack.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED, null, new
java.awt.Color(204, 204, 204), null, null));
BtnBack.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
BtnBack.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        BtnBackActionPerformed(evt);
    }
});
jInternalFrame1.getContentPane().add(BtnBack);
BtnBack.setBounds(10, 550, 160, 65);

jLabel1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/school/management/school/images/backgroun
d.jpg"))); // NOI18N
jInternalFrame1.getContentPane().add(jLabel1);
jLabel1.setBounds(0, 0, 180, 700);

jLabel2.setFont(new java.awt.Font("Curlz MT", 3, 48)); // NOI18N
jLabel2.setForeground(new java.awt.Color(0, 0, 153));

```



```

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
    .addComponent(jInternalFrame1, javax.swing.GroupLayout.DEFAULT_SIZE, 690, Short.MAX_VALUE)
    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jDesktopPane1, javax.swing.GroupLayout.Alignment.TRAILING)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jDesktopPane1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, Short.MAX_VALUE))
);

pack();
} // </editor-fold>

private void formPropertyChange(java.beans.PropertyChangeEvent evt) {
    // TODO add your handling code here:
}

private void BtnStudentActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    if(!b){
        GatePass gp = new GatePass(new MainForm());

        jDesktopPane1.add(gp);
        gp.setSize(1000, 700);
        gp.setVisible(true);
    }
}

```

```

        b=true;
    }

}

private void BtnTeacherActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    email = JOptionPane.showInputDialog("Enter Email id");

    if(!email.isEmpty() ){
        ShowStudentInfo vs = new ShowStudentInfo(this);

        jDesktopPane1.add(vs);
        vs.setSize(1100, 700);
        vs.setVisible(true);
    }else{

        JOptionPane.showMessageDialog(rootPane, "plz enter email");
    }
}

private void BtnBackActionPerformed(java.awt.event.ActionEvent evt) {

    /* String a = JOptionPane.showInputDialog("enter Date");
    FetchingData fd = new FetchingData(new MainForm());
    jDesktopPane1.add(fd);
    fd.setSize(1000, 700);
    fd.setVisible(true);*/

    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new WelcomeForm().setVisible(true);
        }
    });
    this.dispose();
}

```

```

private void BtnStudentsListActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

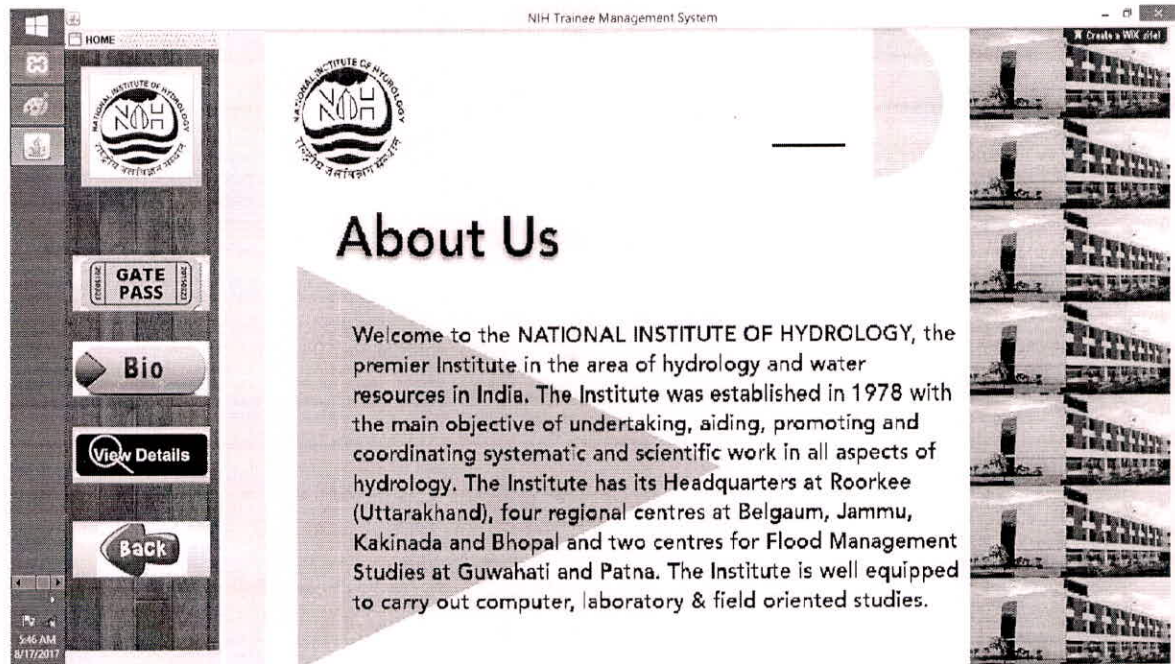
    BioData bd = new BioData(new MainForm());
    jDesktopPane1.add(bd);
    bd.setSize(1000,700);
    bd.setVisible(true);

}

/**
 * @param args the command line arguments
 */

// Variables declaration - do not modify
private javax.swing.JButton BtnBack;
private javax.swing.JButton BtnStudent;
private javax.swing.JButton BtnStudentsList;
private javax.swing.JButton BtnTeacher;
private javax.swing.JButton BtnTeachersList;
private javax.swing.JDesktopPane jDesktopPane1;
private javax.swing.JInternalFrame jInternalFrame1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JMenuBar jMenuBar1;
private javax.swing.JPanel jPanel1;
// End of variables declaration
static boolean b=false;
static String email="email";
static String _group="group";
}

```



Home Page

GatePass.java

```
package trainee.allocation.system;

import java.awt.FileDialog;
import java.awt.Graphics;
import java.awt.Graphics2D;
import java.awt.Image;
import java.awt.print.PageFormat;
import java.awt.print.Printable;
import java.awt.print.PrinterException;
import java.awt.print.PrinterJob;
import java.text.SimpleDateFormat;
import javax.swing.ImageIcon;
```

```

import javax.swing.JOptionPane;

/**
 *
 * @author satendra_rawat
 */
public class GatePass extends javax.swing.JInternalFrame implements Printable{

    /**
     * Creates new form GatePass
     */
    MainForm mdiForm;

    GatePass(MainForm mdiForm) {
        this.mdiForm=mdiForm;
        initComponents();
        this.setLocation(260,0);
        setTitle("Gate Pass");
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        buttonGroup1 = new javax.swing.ButtonGroup();
        buttonGroup2 = new javax.swing.ButtonGroup();
        jPanel1 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jTextField1 = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        jTextField2 = new javax.swing.JTextField();
        jLabel5 = new javax.swing.JLabel();
        jTextField3 = new javax.swing.JTextField();
        jLabel6 = new javax.swing.JLabel();
        jComboBox1 = new javax.swing.JComboBox();
    }

```

```

jLabel7 = new javax.swing.JLabel();
jDateChooser1 = new com.toedter.calendar.JDateChooser();
jLabel8 = new javax.swing.JLabel();
jTextField4 = new javax.swing.JTextField();
jLabel9 = new javax.swing.JLabel();
jTextField5 = new javax.swing.JTextField();
jLabel10 = new javax.swing.JLabel();
jScrollPane1 = new javax.swing.JScrollPane();
jTextArea1 = new javax.swing.JTextArea();
jLabel11 = new javax.swing.JLabel();
jScrollPane2 = new javax.swing.JScrollPane();
jTextArea2 = new javax.swing.JTextArea();
jLabel12 = new javax.swing.JLabel();
jTextField6 = new javax.swing.JTextField();
jLabel13 = new javax.swing.JLabel();
jRadioButton1 = new javax.swing.JRadioButton();
jRadioButton2 = new javax.swing.JRadioButton();
jLabel14 = new javax.swing.JLabel();
jTextField7 = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();

jPanel1.setBackground(new java.awt.Color(102, 255, 204));

jLabel1.setFont(new java.awt.Font("Cantarell", 3, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(51, 51, 255));
jLabel1.setText("NIH GATE PASS FORM");
jLabel1.setToolTipText("");

jLabel2.setFont(new java.awt.Font("Cantarell", 1, 18)); // NOI18N
jLabel2.setText("choose image");
jLabel2.setToolTipText("click here to choose an image");
jLabel2.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(1, 1, 1), 2, true));
jLabel2.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jLabel2MouseClicked(evt);
    }
});

jLabel3.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel3.setForeground(new java.awt.Color(1, 1, 1));

```

```

jLabel3.setText("FIRST NAME");

jTextField1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField1.setText("ENTER YOUR FIRST NAME");
jTextField1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        jTextField1KeyTyped(evt);
    }
});

jLabel4.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel4.setForeground(new java.awt.Color(1, 1, 1));
jLabel4.setText("LAST NAME");

jTextField2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField2.setText("ENTER YOUR LAST NAME");
jTextField2.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        jTextField2KeyTyped(evt);
    }
});

jLabel5.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel5.setForeground(new java.awt.Color(1, 1, 1));
jLabel5.setText("FATHER'S NAME");

jTextField3.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField3.setText("ENTER YOUR FATHER NAME");
jTextField3.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        jTextField3KeyTyped(evt);
    }
});

jLabel6.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel6.setForeground(new java.awt.Color(1, 1, 1));
jLabel6.setText("DESIGNATION");

jComboBox1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jComboBox1.setForeground(new java.awt.Color(1, 1, 1));
jComboBox1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "SELECT
DESIGNATION", "STUDENT", "EMPLOYEE", "OTHER" }));
jComboBox1.addActionListener(new java.awt.event.ActionListener() {

```

```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jComboBox1ActionPerformed(evt);
        }
    });

    jLabel7.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
    jLabel7.setForeground(new java.awt.Color(1, 1, 1));
    jLabel7.setText("DATA OF BIRTH");
    jLabel7.setToolTipText("");

    jDateChooser1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

    jLabel8.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
    jLabel8.setForeground(new java.awt.Color(1, 1, 1));
    jLabel8.setText("IDENTIFICATION MARK");

    jTextField4.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
    jTextField4.setForeground(new java.awt.Color(1, 1, 1));
    jTextField4.setText("IDENTIFICATION MARK");
    jTextField4.addKeyListener(new java.awt.event.KeyAdapter() {
        public void keyTyped(java.awt.event.KeyEvent evt) {
            jTextField4KeyTyped(evt);
        }
    });

    jLabel9.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
    jLabel9.setForeground(new java.awt.Color(1, 1, 1));
    jLabel9.setText("PURPOSE OF VISIT");

    jTextField5.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
    jTextField5.setText("ENTER PURPOSE OF VISIT");
    jTextField5.addKeyListener(new java.awt.event.KeyAdapter() {
        public void keyTyped(java.awt.event.KeyEvent evt) {
            jTextField5KeyTyped(evt);
        }
    });

    jLabel10.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
    jLabel10.setForeground(new java.awt.Color(1, 1, 1));
    jLabel10.setText("PERMANENT ADDRESS");

    jTextArea1.setColumns(20);
    jTextArea1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

```

```

jTextArea1.setForeground(new java.awt.Color(1, 1, 1));
jTextArea1.setRows(5);
jScrollPane1.setViewportView(jTextArea1);

jLabel11.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel11.setForeground(new java.awt.Color(1, 1, 1));
jLabel11.setText("PERSENT ADDRESS");

jTextArea2.setColumns(20);
jTextArea2.setFont(new java.awt.Font("Candara", 2, 18)); // NOI18N
jTextArea2.setRows(5);
jScrollPane2.setViewportView(jTextArea2);

jLabel12.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel12.setForeground(new java.awt.Color(1, 1, 1));
jLabel12.setText("CONTACT NO");

jTextField6.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField6.setForeground(new java.awt.Color(1, 1, 1));
jTextField6.setText("ENTER CONTACT NO");
jTextField6.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        jTextField6KeyTyped(evt);
    }
});

jLabel13.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel13.setText("WHETHER IMPRISONED AT ANY TIME");

jRadioButton1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
buttonGroup1.add(jRadioButton1);
jRadioButton1.setText("YES");
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});

jRadioButton2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
buttonGroup1.add(jRadioButton2);
jRadioButton2.setText("NO");

jLabel14.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

```

```

jLabel14.setForeground(new java.awt.Color(1, 1, 1));
jLabel14.setText("NAME OF MENTOR ");

jTextField7.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField7.setForeground(new java.awt.Color(1, 1, 1));
jTextField7.setText("NAME OF MENTOR");
jTextField7.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        jTextField7KeyTyped(evt);
    }
});

jButton1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jButton1.setText("SUBMIT");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jButton2.setText("PRINT");
jButton2.setEnabled(false);
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton3.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N
jButton3.setText("BACK");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jButton4.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N
jButton4.setText("RESET");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

```

```

});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jPanel1Layout.createSequentialGroup()
                    .addGap(150, 150, 150)
                )
            )
        )

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .add(jPanel1Layout.createSequentialGroup()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jPanel1Layout.createSequentialGroup()
                    .addComponent(jLabel3)
                    .addComponent(jLabel4)
                    .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addGap(67, 67, 67)
                )
            )
        )

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .add(jPanel1Layout.createSequentialGroup()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jPanel1Layout.createSequentialGroup()
                    .addComponent(jComboBox1, 0,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jTextField3,
javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT_SIZE, 343,
Short.MAX_VALUE)
                    .addComponent(jTextField2)
                    .addComponent(jTextField1)
                    .addGap(33, 33, 33)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
131, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jDateChooser1,
javax.swing.GroupLayout.PREFERRED_SIZE, 340,
javax.swing.GroupLayout.PREFERRED_SIZE)
                )
            )
        )
    );

```

```

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addComponent(jLabel14)
            .addGap(40, 40, 40)
            .addComponent(jTextField7))
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addComponent(jLabel13)
            .addGap(18, 18, 18)
            .addComponent(jRadioButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jRadioButton2)
        .addGap(16, 16, 16))
        .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel8)
        .addComponent(jLabel9)
        .addComponent(jLabel10)
        .addComponent(jLabel11)
        .addComponent(jLabel12))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jTextField5)
        .addComponent(jScrollPane1)
        .addComponent(jScrollPane2)
        .addComponent(jTextField6)
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE, 342,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))))
        .addGap(45, 45, 45)

```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
    .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(jButton4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(jButton3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    .addGap(149, 149, 149)))
.addGroup(jPanel1Layout.createSequentialGroup()
    .addGap(279, 279, 279)
    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 404,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(0, 0, Short.MAX_VALUE))
);
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
    .addGap(20, 20, 20)
    .addComponent(jLabel1)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(70, 70, 70)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel3)
    .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel4)
    .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(jLabel5))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel6)
        .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(71, 71, 71)
            .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel8)
        .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel9))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel10)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
55, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(jButton1))
        .addGap(10, 10, 10)

```



```

        .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, 971,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 31, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );

    pack();
} // </editor-fold>

private void jLabel2MouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    FileDialog fd = new FileDialog(mDIForm, "Choose Image");

    fd.setVisible(true);

    imagePath=fd.getDirectory()+fd.getFile();

    jLabel2.setIcon(new ImageIcon(new
ImageIcon(imagePath).getImage().getScaledInstance(98, 98, Image.SCALE_DEFAULT)));
}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    firstName= jTextField1.getText();
    lastName = jTextField2.getText();
    fatherName = jTextField3.getText();
    designation =(String)jComboBox1.getSelectedItem();//jTextField4.getText();

    SimpleDateFormat format = new SimpleDateFormat("dd/MM/yyyy");

```

```

dob = String.valueOf(format.format(jDateChooser1.getDate()));
identificationMark = jTextField4.getText();
perposeOfVisit= jTextField5.getText();
permanentAddress = jTextArea1.getText();
persentAddress = jTextArea2.getText();
contactNo = jTextField6.getText();
nameOfMentor = jTextField7.getText();

if(jRadioButton1.isSelected()){

    imprisoned="yes";
}else if(jRadioButton2.isSelected()){

    imprisoned="no";
}

String
s[]={firstName,lastName,fatherName,desgination,dob,identificationMark,perposeOfVisit,perman
entAddress,persentAddress,contactNo,imprisoned,nameOfMentor,imagePath};

int a=database.GatePass.setInfo(s);

if(a>0){

    jButton2.setEnabled(true);
    JOptionPane.showMessageDialog(rootPane, "You can print");
}else{

    JOptionPane.showMessageDialog(rootPane, "plz try again");
}

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    JOptionPane.showMessageDialog(rootPane, "Printing...");
    PrinterJob printJob = PrinterJob.getPrinterJob();

    printJob.setPrintable(this);

```

```

        if (printJob.printDialog()) {
            try {
                printJob.print();
            } catch (Exception ex) {
                throw new RuntimeException(ex);
            }
        }
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.dispose();
    }

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        jTextField1.setText("ENTER YOUR FIRST NAME");
        jTextField2.setText("ENTER YOUR LAST NAME");
        jTextField3.setText("ENTER YOUR FATHER NAME");
        jTextField4.setText("IDENTIFICATION MARK");
        jTextField5.setText("ENTER PURPOSE OF VISIT");
        jTextField6.setText("ENTER CONTACT NO");
        jTextField7.setText("NAME OF MENTOR");
        jTextArea1.setText("");
        jTextArea2.setText("");
    }

    private void jComboBox1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jTextField1KeyTyped(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:
        if(jTextField1.getText().equals("ENTER YOUR FIRST NAME")){

            jTextField1.setText("");
        }else if(jTextField1.getText().isEmpty()){

            jTextField1.setText("ENTER YOUR FIRST NAME");
        }
    }

    private void jTextField2KeyTyped(java.awt.event.KeyEvent evt) {

```

```

// TODO add your handling code here:
if(jTextField2.getText().equals("ENTER YOUR LAST NAME")){

    jTextField2.setText("");
}else if(jTextField2.getText().isEmpty()){

    jTextField2.setText("ENTER YOUR LAST NAME");
}
}

private void jTextField3KeyTyped(java.awt.event.KeyEvent evt) {
// TODO add your handling code here:
if(jTextField3.getText().equals("ENTER YOUR FATHER NAME")){

    jTextField3.setText("");
}else if(jTextField3.getText().isEmpty()){

    jTextField3.setText("ENTER YOUR FATHER NAME");
}
}

private void jTextField4KeyTyped(java.awt.event.KeyEvent evt) {
// TODO add your handling code here:

if(jTextField4.getText().equals("IDENTIFICATION MARK")){

    jTextField4.setText("");
}else if(jTextField4.getText().isEmpty()){

    jTextField4.setText("IDENTIFICATION MARK");
}
}

private void jTextField5KeyTyped(java.awt.event.KeyEvent evt) {
// TODO add your handling code here:
if(jTextField5.getText().equals("ENTER PURPOSE OF VISIT")){

    jTextField5.setText("");
}else if(jTextField5.getText().isEmpty()){

    jTextField5.setText("ENTER PURPOSE OF VISIT");
}
}

```

```

private void jTextField6KeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
    if(jTextField6.getText().equals("ENTER CONTACT NO")){

        jTextField6.setText("");
    }else if(jTextField6.getText().isEmpty()){

        jTextField6.setText("ENTER CONTACT NO");
    }
}

```

```

private void jTextField7KeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:

    if(jTextField7.getText().equals("NAME OF MENTOR")){

        jTextField7.setText("");
    }else if(jTextField7.getText().isEmpty()){

        jTextField7.setText("NAME OF MENTOR");
    }
}

```

```

// Variables declaration - do not modify
private javax.swing.ButtonGroup buttonGroup1;
private javax.swing.ButtonGroup buttonGroup2;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JComboBox jComboBox1;
private com.toedter.calendar.JDateChooser jDateChooser1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;

```

```

private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JRadioButton jRadioButton1;
private javax.swing.JRadioButton jRadioButton2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextArea jTextArea2;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField jTextField5;
private javax.swing.JTextField jTextField6;
private javax.swing.JTextField jTextField7;
// End of variables declaration

```

```

static String imagePath="image";
String firstName;
String lastName;
String fatherName;
String designation;
String dob;
String identificationMark;
String perposeOfVisit;
String permanentAddress;
String persentAddress;
String contactNo;
String imprisoned;
String nameOfMentor;

```

```

@Override
public int print(Graphics grphcs, PageFormat pf, int i) throws PrinterException {
    Graphics2D g2 = (Graphics2D) grphcs;
    if (i >= 1) {
        return Printable.NO_SUCH_PAGE;
    } else {

        jButton2.printAll(g2);
    }
}

```

```

return Printable.PAGE_EXISTS;
} } }

```

☐ Gate Pass

NIH GATE PASS FORM

FIRST NAME	ENTER YOUR FIRST NAME	choose image
LAST NAME	ENTER YOUR LAST NAME	
FATHER'S NAME	ENTER YOUR FATHER NAME	
DESIGNATION	SELECT DESIGNATION	
DATA OF BIRTH		
IDENTIFICATION MARK	IDENTIFICATION MARK	
PURPOSE OF VISIT	ENTER PURPOSE OF VISIT	
PERMANENT ADDRESS		SUBMIT
PERSENT ADDRESS		PRINT
CONTACT NO	ENTER CONTACT NO	RESET
WHETHER IMPRISONED AT ANY TIME	☐ YES ☐ NO	BACK
NAME OF MENTOR	NAME OF MENTOR	

GatePass form

BioData.java

```

package trainee.allocation.system;

import java.awt.FileDialog;
import java.text.SimpleDateFormat;
import javax.swing.JOptionPane;

/**
 *
 * @author satendra_rawat
 */
public class BioData extends javax.swing.JInternalFrame {

```

```

/**
 * Creates new form BioData
 */
MainForm mDIForm;

BioData(MainForm mdiForm) {
    this.mDIForm=mDIForm;
    initComponents();
    this.setLocation(260,0);
}

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    menuBar1 = new java.awt.MenuBar();
    menu1 = new java.awt.Menu();
    menu2 = new java.awt.Menu();
    menuBar2 = new java.awt.MenuBar();
    menu3 = new java.awt.Menu();
    menu4 = new java.awt.Menu();
    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jLabel3 = new javax.swing.JLabel();
    jTextField2 = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    jComboBox1 = new javax.swing.JComboBox();
    jLabel5 = new javax.swing.JLabel();
    jTextField3 = new javax.swing.JTextField();
    jLabel6 = new javax.swing.JLabel();
    jTextField4 = new javax.swing.JTextField();
    jLabel7 = new javax.swing.JLabel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTextArea1 = new javax.swing.JTextArea();

```

```

jLabel8 = new javax.swing.JLabel();
jTextField5 = new javax.swing.JTextField();
jLabel9 = new javax.swing.JLabel();
jTextField6 = new javax.swing.JTextField();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
jLabel12 = new javax.swing.JLabel();
jComboBox2 = new javax.swing.JComboBox();
jButton1 = new javax.swing.JButton();
jDateChooser1 = new com.toedter.calendar.JDateChooser();
jTextField7 = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();

menu1.setLabel("File");
menuBar1.add(menu1);

menu2.setLabel("Edit");
menuBar1.add(menu2);

menu3.setLabel("File");
menuBar2.add(menu3);

menu4.setLabel("Edit");
menuBar2.add(menu4);

setBackground(new java.awt.Color(102, 255, 204));

jPanel1.setBackground(new java.awt.Color(102, 255, 204));

jLabel1.setFont(new java.awt.Font("Cambria", 3, 48)); // NOI18N
jLabel1.setForeground(new java.awt.Color(204, 0, 0));
jLabel1.setText("BIO DATA");

jLabel2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel2.setForeground(new java.awt.Color(1, 1, 1));
jLabel2.setText("NAME");

jTextField1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

jLabel3.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel3.setText("FATHER'S NAME");

```

```
jTextField2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

jLabel4.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel4.setText("CATEGORY");

jComboBox1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jComboBox1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "GEN",
"SC", "ST", "OBC", "OTHERS" }));

jLabel5.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel5.setText("INSTITUTE NAME");

jTextField3.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

jLabel6.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel6.setText("TRAINING OFFICER NAME");

jTextField4.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField4.setToolTipText("OFFICER NAME");

jLabel7.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel7.setText("ADDRESS");

jTextArea1.setColumns(20);
jTextArea1.setRows(5);
jScrollPane1.setViewportView(jTextArea1);

jLabel8.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel8.setText("EMAIL ID");

jTextField5.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField5.setToolTipText("EMAIL");

jLabel9.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel9.setText("MOBILE NO");

jTextField6.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField6.setToolTipText("MOBILE NO");

jLabel10.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel10.setText("DATE OF BIRTH");

jLabel11.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
```

```

jLabel11.setText("PHOTO");

jLabel12.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel12.setText("COURSE");

jComboBox2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jComboBox2.setModel(new javax.swing.DefaultComboBoxModel(new String[] {
"Networking", "Java ", "Dot net", "Python", "PHP", "C", "C++", " " }));

jButton1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jButton1.setText("SAVE");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jDateChooser1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

jTextField7.setBackground(new java.awt.Color(0, 204, 255));
jTextField7.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField7.setForeground(new java.awt.Color(102, 51, 255));
jTextField7.setText("Choose Image, click here");
jTextField7.setEnabled(false);
jTextField7.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jTextField7MouseClicked(evt);
    }
});

jButton2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jButton2.setText("RESET");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton3.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N
jButton3.setText("BACK");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

```

```

    }
    });

    javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .add(jPanel1Layout.createSequentialGroup()
                            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                .add(jPanel1Layout.createSequentialGroup()
                                    .addGap(85, 85, 85)
                                )
                                .add(jPanel1Layout.createSequentialGroup()
                                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                        .add(jPanel1Layout.createSequentialGroup()
                                            .addComponent(jLabel3)
                                            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
                                                javax.swing.GroupLayout.PREFERRED_SIZE)
                                            .addComponent(jLabel2)
                                            .addComponent(jLabel5)
                                            .addComponent(jLabel6)
                                            .addComponent(jLabel7)
                                            .addComponent(jLabel8)
                                            .addComponent(jLabel9)
                                            .addComponent(jLabel10)
                                            .addComponent(jLabel11)
                                            .addComponent(jLabel12)
                                        )
                                        .addGap(18, 18, 18)
                                    )
                                )
                            )
                        )
                    )
                )
            )
        );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .add(jPanel1Layout.createSequentialGroup()
                        .addComponent(jTextField3)
                        .addComponent(jTextField2)
                        .addComponent(jComboBox1, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
                            Short.MAX_VALUE)
                        .addComponent(jTextField4)
                        .addComponent(jScrollPane1)
                        .addComponent(jTextField5)
                        .addComponent(jTextField6)
                        .addComponent(jDateChooser1, javax.swing.GroupLayout.DEFAULT_SIZE,
                            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jTextField7)
                    )
                )
            )
        );

```

```

        .addComponent(jComboBox2, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup())

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(39, 39, 39)
            .addComponent(jButton2))
            .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 350,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel1))
            .addGap(0, 0, Short.MAX_VALUE))))
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 89,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(162, 162, 162))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup())
                .addComponent(jLabel1)
                .addGap(17, 17, 17)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel2)
        .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel3)
        .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel4)

```

```

        .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(jLabel5)
        .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel6)
        .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel7)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 70,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel8))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel9)
        .addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel10)
        .addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel11))

```

```

        .addComponent(jTextField7, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel12)
        .addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, Short.MAX_VALUE)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton1)
        .addComponent(jButton2)
        .addComponent(jButton3))
        .addGap(21, 21, 21))
    );

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addGap(167, 167, 167))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );

    pack();
} // </editor-fold>

private void jTextField7MouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:

    FileDialog fd = new FileDialog(mDIForm, "choose image");

    fd.setAlwaysOnTop(true);
    fd.setVisible(true);

```

```

        imagePath = fd.getDirectory()+fd.getFile();
        jTextField7.setText(imagePath);
    }
}

```

[illegible]

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
  
    name = jTextField1.getText();  
    fatherName = jTextField2.getText();  
    category = (String)jComboBox1.getSelectedItem();  
    instituteName = jTextField3.getText();  
    trainingOfficerName = jTextField4.getText();  
    address=jTextArea1.getText();  
    email = jTextField5.getText();  
    mobileneno = jTextField6.getText();
```

```
SimpleDateFormat format = new SimpleDateFormat("dd/MM/yyyy");
```

```
dob =String.valueOf(format.format(jDateChooser1.getDate()));
course = (String)jComboBox2.getSelectedItem();
```

```
String  
s[]={name,fatherName,category,instituteName,trainingOfficerName,address,email,mobileno,dob  
,course,imagePath};
```

```
int a = database.BioData.insertBioData(s);
```

```
if(a>0){
```

```
JOptionPane.showMessageDialog(rootPane, "Successful inserted");
this.dispose();
```

```

    }else{

        JOptionPane.showMessageDialog(rootPane, "Plz try again...");
    }
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JComboBox jComboBox1;
private javax.swing.JComboBox jComboBox2;
private com.toedter.calendar.JDateChooser jDateChooser1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField jTextField5;
private javax.swing.JTextField jTextField6;
private javax.swing.JTextField jTextField7;
private java.awt.Menu menu1;
private java.awt.Menu menu2;

```

```

private java.awt.Menu menu3;
private java.awt.Menu menu4;
private java.awt.MenuBar menuBar1;
private java.awt.MenuBar menuBar2;
// End of variables declaration

```

```

static String imagePath="image";
String name;
String fatherName;
String category;
String instituteName;
String trainingOfficerName;
String address;
String mobileno;
String email;
String dob;
String course;

```

```

}

```

BIO DATA

NAME

FATHER'S NAME

CATEGORY

INSTITUTE NAME

TRAINING OFFICER NAME

ADDRESS

EMAIL ID

MOBILE NO

DATE OF BIRTH

PHOTO

COURSE

BioData Form

ShowStudentInfo.java

```
package trainee.allocation.system;

import database.GetConnection;
import database.UpdataStudentInfo;
import java.awt.FileDialog;
import java.awt.Image;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
import static trainee.allocation.system.BioData.imagePath;

/**
 *
 * @author Satendra_Rawat
 */
public class ShowStudentInfo extends javax.swing.JInternalFrame {

    MainForm mDIForm;

    ShowStudentInfo(MainForm mdiForm) {
        this.mDIForm=mDIForm;
        initComponents();
        this.setLocation(260,0);
        setInfo();
    }

    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        menuBar1 = new java.awt.MenuBar();
        menu1 = new java.awt.Menu();
```

```
menu2 = new java.awt.Menu();
menuBar2 = new java.awt.MenuBar();
menu3 = new java.awt.Menu();
menu4 = new java.awt.Menu();
jPanel1 = new javax.swing.JPanel();
jLabel1 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();
jTextField1 = new javax.swing.JTextField();
jLabel3 = new javax.swing.JLabel();
jTextField2 = new javax.swing.JTextField();
jLabel4 = new javax.swing.JLabel();
jComboBox1 = new javax.swing.JComboBox();
jLabel5 = new javax.swing.JLabel();
jTextField3 = new javax.swing.JTextField();
jLabel6 = new javax.swing.JLabel();
jTextField4 = new javax.swing.JTextField();
jLabel7 = new javax.swing.JLabel();
jScrollPane1 = new javax.swing.JScrollPane();
jTextArea1 = new javax.swing.JTextArea();
jLabel8 = new javax.swing.JLabel();
jTextField5 = new javax.swing.JTextField();
jLabel9 = new javax.swing.JLabel();
jTextField6 = new javax.swing.JTextField();
jLabel10 = new javax.swing.JLabel();
jLabel12 = new javax.swing.JLabel();
jComboBox2 = new javax.swing.JComboBox();
jButton1 = new javax.swing.JButton();
jTextField8 = new javax.swing.JTextField();
jLabel13 = new javax.swing.JLabel();
jButton2 = new javax.swing.JButton();
```

```
menu1.setLabel("File");
menuBar1.add(menu1);
```

```
menu2.setLabel("Edit");
menuBar1.add(menu2);
```

```
menu3.setLabel("File");
menuBar2.add(menu3);
```

```
menu4.setLabel("Edit");
menuBar2.add(menu4);
```

```

setBackground(new java.awt.Color(102, 255, 204));
setMaximumSize(new java.awt.Dimension(21474836, 21474836));
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setBackground(new java.awt.Color(102, 255, 204));

jLabel1.setFont(new java.awt.Font("Khmer UI", 3, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(204, 0, 51));
jLabel1.setText("BIO DATA");

jLabel2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel2.setForeground(new java.awt.Color(1, 1, 1));
jLabel2.setText("NAME");

jTextField1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

jLabel3.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel3.setText("FATHER'S NAME");

jTextField2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

jLabel4.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel4.setText("CATEGORY");

jComboBox1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jComboBox1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "GEN",
"SC", "ST", "OBC", "OTHERS" }));
jComboBox1.setEnabled(false);

jLabel5.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel5.setText("INSTITUTE NAME");

jTextField3.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N

jLabel6.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel6.setText("TRAINING OFFICER NAME");

jTextField4.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField4.setToolTipText("OFFICER NAME");

jLabel7.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel7.setText("ADDRESS");

```

```

jTextArea1.setColumns(20);
jTextArea1.setRows(5);
jScrollPane1.setViewportView(jTextArea1);

jLabel8.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel8.setText("EMAIL ID");

jTextField5.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField5.setToolTipText("EMAIL");
jTextField5.setEnabled(false);

jLabel9.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel9.setText("MOBILE NO");

jTextField6.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField6.setToolTipText("MOBILE NO");

jLabel10.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel10.setText("DATE OF BIRTH");

jLabel12.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jLabel12.setText("COURSE");

jComboBox2.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jComboBox2.setModel(new javax.swing.DefaultComboBoxModel(new String[] {
"Networking", "JAVA", "PHP", "PYTHON", "C", "C++" }));

jButton1.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jButton1.setText("UPDATE");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jTextField8.setFont(new java.awt.Font("Cantarell", 2, 18)); // NOI18N
jTextField8.setEnabled(false);

jLabel13.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 2,
true));
jLabel13.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jLabel13MouseClicked(evt);
    }
});

```

```

    }
    });

    jButton2.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N
    jButton2.setText("BACK");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

    javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(310, 310, 310)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 201,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(85, 85, 85)
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel3)
                    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel2)
                    .addComponent(jLabel5)
                    .addComponent(jLabel6)
                    .addComponent(jLabel7)
                    .addComponent(jLabel8)
                    .addComponent(jLabel9)
                    .addComponent(jLabel10)
                    .addComponent(jLabel12))
                .addGap(18, 18, 18)
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jTextField3)
                    .addComponent(jTextField2)
                    .addComponent(jComboBox1, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
                        Short.MAX_VALUE)
                    .addComponent(jTextField4))
            )
    );

```

```

        .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 380,
Short.MAX_VALUE)
        .addComponent(jTextField5)
        .addComponent(jTextField6)
        .addComponent(jComboBox2, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jTextField8)
        .addComponent(jTextField1))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel13, javax.swing.GroupLayout.DEFAULT_SIZE, 158,
Short.MAX_VALUE)
        .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addContainerGap())
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 94,
Short.MAX_VALUE)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(jLabel2)
                        .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(jLabel3)
                        .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                )
            )
        )
    );

```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel4)
    .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(9, 9, 9)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addComponent(jLabel5)
    .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addComponent(jLabel13, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel6)
    .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel7)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 70,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel8))
    .addGap(29, 29, 29)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addComponent(jLabel9)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jButton1)))
    .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addComponent(jLabel10, javax.swing.GroupLayout.Alignment.TRAILING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jTextField8, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(24, 24, 24)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(jLabel12)
        .addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(128, Short.MAX_VALUE))
    );

    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 11,
-1, -1));

    pack();
} // </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    name = jTextField1.getText();
    fatherName = jTextField2.getText();
    category = (String)jComboBox1.getSelectedItem();
    instituteName = jTextField3.getText();
    trainingOfficerName = jTextField4.getText();
    address = jTextArea1.getText();
    email = jTextField5.getText();
    mobileno = jTextField6.getText();

    dob = jTextField8.getText();
    course = (String)jComboBox2.getSelectedItem();

    String
s[]={name,fatherName,category,instituteName,trainingOfficerName,address,email,mobileno,dob
,course,imagePath};

    int a = UpdataStudentInfo.updateInfo(s);

    if(a>0){

```

```

        JOptionPane.showMessageDialog(rootPane, "Biodata updated");
        this.dispose();
    }

}

private void jLabel13MouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:

    FileDialog fd = new FileDialog(mDIForm, "choose image");

    fd.setAlwaysOnTop(true);
    fd.setVisible(true);
    imagePath =fd.getDirectory()+fd.getFile();

    jLabel13.setIcon(new ImageIcon(new
    ImageIcon(imagePath).getImage().getScaledInstance(100, 97, Image.SCALE_DEFAULT)));

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JComboBox jComboBox1;
private javax.swing.JComboBox jComboBox2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;

```

```
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField jTextField5;
private javax.swing.JTextField jTextField6;
private javax.swing.JTextField jTextField8;
private java.awt.Menu menu1;
private java.awt.Menu menu2;
private java.awt.Menu menu3;
private java.awt.Menu menu4;
private java.awt.MenuBar menuBar1;
private java.awt.MenuBar menuBar2;
// End of variables declaration
```

```
static String imagePath="image";
```

```
String name;
String fatherName;
String category;
String instituteName;
String trainingOfficerName;
String address;
String mobileno;
String email;
String dob;
String course;
```

```
static Connection con;
```

```
static{
```

```
    con = GetConnection.getConnection();
```

```

    }

    private void setInfo() {
        try {

            System.out.println("email "+MainForm.email);
            PreparedStatement ps = con.prepareStatement("select * from bio_data where
email=?");

            ps.setString(1, MainForm.email);

            ResultSet rs =ps.executeQuery();

            if(rs.next()){

                jTextField1.setText(rs.getString(1));
                jTextField2.setText(rs.getString(2));
                jComboBox2.addItem(rs.getString(3));
                jTextField3.setText(rs.getString(4));
                jTextField4.setText(rs.getString(5));
                jTextArea1.setText(rs.getString(6));
                jTextField5.setText(MainForm.email);
                jTextField6.setText(rs.getString(8));
                jTextField8.setText(rs.getString(9));
                jComboBox2.addItem(rs.getString(10));

                jLabel13.setIcon(new ImageIcon(new
ImageIcon(rs.getBytes(11)).getImage().getScaledInstance(100, 97,
Image.SCALE_DEFAULT)));

            }else{

                this.dispose();

                JOptionPane.showMessageDialog(mDIForm, "Plz enter valid email");
                this.setVisible(false);
            }

        } catch (SQLException ex) {
            Logger.getLogger(ShowStudentInfo.class.getName()).log(Level.SEVERE, null, ex);

```

}}}

Input

Enter Email id

OK Cancel

View Student Info 1

BIO DATA

NAME	demo	
FATHER'S NAME	demo1	
CATEGORY	GEN	
INSTITUTE NAME	thdc ihet	
TRAINING OFFICER NAME	A K LOHANI	
ADDRESS	ROORKEE	
EMAIL ID	satendra@demo1.com	
MOBILE NO	3245615478	UPDATE
DATE OF BIRTH	08/08/2017	BACK
COURSE	Networking	

View Student info 2

REFERENCES

Ø www.w3schools.com

Ø <https://m.youtube.com>>GSoft

Ø <https://en.m.wikipedia.org/wiki/javaadvance>

Ø www.webopidia.com

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