<< PERSONAL INFORMATION SYSTEM >>

SUBMITTED BY

Name: Sayan Ghosh

Department of Computer Science

University Roll No: 52

UEM, Kolkata

Enrollment No: 12019009022004

Name: Sayandeep Das

Department of Computer Science

University Roll No: 53

UEM, Kolkata

Enrollment No: 12019009023037

Name: Senjuti Dey

Department of Computer Science

University Roll No: 54

UEM, Kolkata

Enrollment No: 12019009001185

PAPER CODE: PCCCS481

PAPER NAME: OBJECT ORIENTED PROGRAMMING USING JAVA

UEM, KOLKATA

UNIVERSITY OF ENGINEERING & MANAGEMENT, KOLKATA

University Area, Plot No. III – B/5, New Town, Action Area – III, Kolkata – 700 156

TABLE OF CONTENTS

ABSTRACT OF PERSONAL INFORMATION SYSTEM

The purpose of this project is to create a new application "PERSONAL INFORMATION SYSTEM". It is used to maintain personal information which includers managing personal details, maintaining attendance, maintaining marks, internals and generating reports. We can easily add, modify, update or delete the information whenever required. The tedious job of managing attendance can be easily performed using the system and regular class time table can also be preserved in the database.

OBJECTIVE

Personal Information System is devoloped to efficiently maintain information of students which is currently done using files and records. Information maintenance includes maintaining student's personal details, attendance, periodic marks, university marks. Present system of information maintenance consumes huge amount of time and demands lot of man power since every activity must be done manually. In order to make maintenance more time efficient and to reduce manpower involved we devolop Personal Information System.

INTRODUCTION

Personal Information System is software which is helpful for students as well as the school authorities. In the current system all the activities are done manually. It is very time consuming and costly. Our personal information system deals with the various activities related to the students. There are mainly 3 modules in the software :-

1. Administrator Module
2. Faculty Module
3. Student Module

1.1. PURPOSE:

The objective of student information system is to allow the administrator of any organization edit and find out the personal details of a student and allows the student to keep up to date his profile. It will also facilitate keeping all the records of students, such as their id, name, address, DOB etc. So all the information about an student will be available in a few seconds. Personal Information System and is intended to help any organization to maintain and manage its student's personal data.

1.2. SCOPE :

Without a Personal Information System, managing and maintaining the details of the student is a tedious job for any organization.

Personal Information System will store all the personal details including their background information, educational qualifications, personal details and all the information related to their resume.

LITERATURE SURVEY

2.1 Personal Management System based on .Net Three-layer Structure: Personal Information Management system has been implemented by (Yang Qingshan, 2010) using .Net Architecture for better standardization, information management, and three layer B/S structure. This architecture improves the security and maintainability.

2.2 Design and implementation of Student Information Management System: Similarly simplified friendly interface student management system has been designed and implemented with the use of Visual Basic 6.0 and the SQL Server 2000. This design has a fully functional, flexible and convenient application which provides friendly interface to the users (Zhibing Liu, 2010).

2.3 Personal Information Access System via Bluetooth: K.A.C. Dushamali (2007) also presented their work and concluded the information can be accessed by teachers and students using Bluetooth. The system consist of a J2SE Server.

2.4 A Project Report on Personal Information Management System: Kapil Kaushik (2011) also built a student information management system with features like online registration of students, maintenance of students records and searching student records. Their system was built using HTML, JavaScript implementing PHP, MySQL (as back end). They also used Apache HTTP server and Dreamweaver (Kapil Kaushik, 2011).

2.5 Web Based Personal Information Management System (SIMS) : S.R.Bharamagoudar, Geeta R.B and S.G.Totad also have built SIMS for maintenance of Personal information system solving the traditional way of managing the student records. The system was built using html, PHP and MySQL database.

PROBLEM STATEMENT AND PROPOSED SOLUTION

Connection establishment

```java
package StudentInformation;


import java.sql.*;
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */;


/**
 *
 * @author SENJUTI DEY
 */
public class dbcon {
    public Connection connection()
    {
        try{
            Class.forName("com.mysql.jdbc.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://127.0.0.1:3000/","root","mysql123");
            System.out.println(con);
```

```
        return con;

    }

    catch(Exception e){


    return null;

    }

}
```
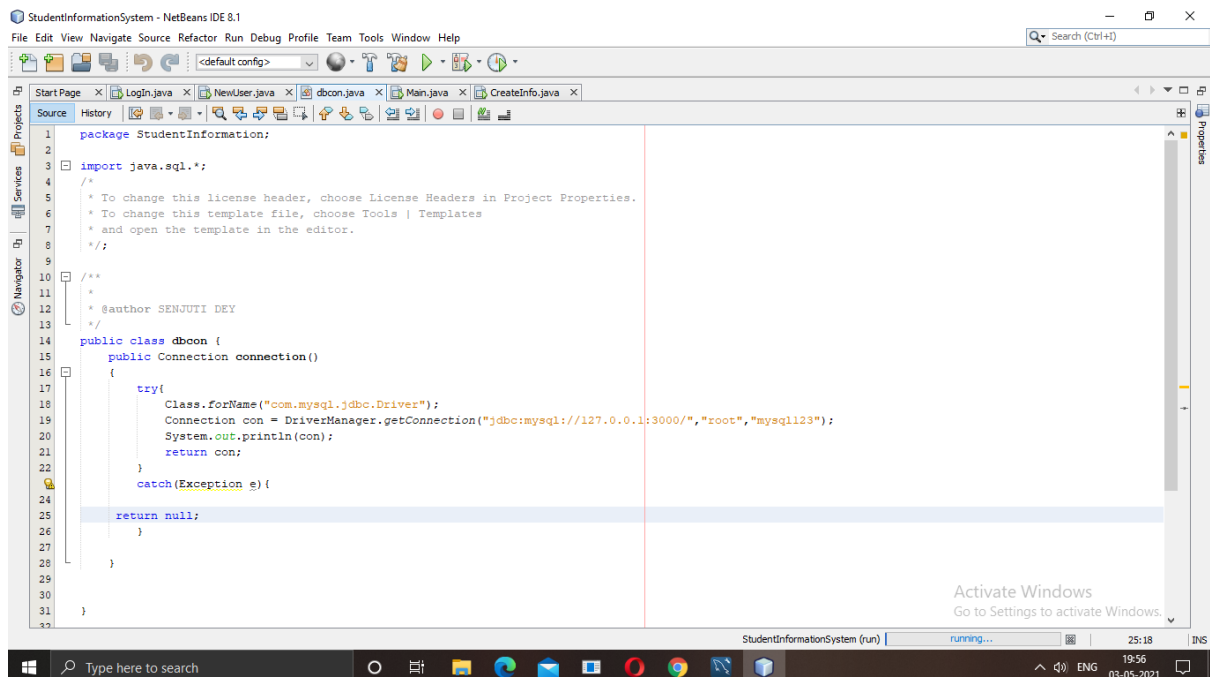

Log In page designing

package StudentInformation;

import java.awt.Color;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.*;

```java
import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;


/**
 *
 * @author SENJUTI DEY
 */
public class LogIn extends javax.swing.JFrame {


    /**
     * Creates new form LogIn
     */
    Connection con;

    PreparedStatement pat;

    ResultSet rs;


    public LogIn() {

        initComponents();


        jButton3.setBackground(Color.red);

        jButton2.setBackground(Color.BLUE);

    }


    /**
```

```
    * 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() {


    textpass = new javax.swing.JPanel();

    jPanel2 = new javax.swing.JPanel();

    jLabel1 = new javax.swing.JLabel();

    jLabel2 = new javax.swing.JLabel();

    jLabel3 = new javax.swing.JLabel();

    textuser = new javax.swing.JTextField();

    jButton1 = new javax.swing.JButton();

    jButton2 = new javax.swing.JButton();

    jButton3 = new javax.swing.JButton();

    textPass = new javax.swing.JPasswordField();


    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);


    jPanel2.setBackground(new java.awt.Color(255, 204, 204));


    jLabel1.setFont(new java.awt.Font("Microsoft YaHei", 1, 24)); // NOI18N

    jLabel1.setForeground(new java.awt.Color(51, 51, 51));

    jLabel1.setText("Login");
```

```java
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(jPanel2Layout.createSequentialGroup()

        .addGap(163, 163, 163)

        .addComponent(jLabel1)

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

);

jPanel2Layout.setVerticalGroup(

    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(jPanel2Layout.createSequentialGroup()

        .addGap(24, 24, 24)

        .addComponent(jLabel1)

        .addContainerGap(35, Short.MAX_VALUE))

);


jLabel2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jLabel2.setText("Username:");


jLabel3.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jLabel3.setText("Password:");


jButton1.setFont(new java.awt.Font("Times New Roman", 1, 11)); // NOI18N

jButton1.setText("Cancel");
```

```java
jButton1.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton1MouseClicked(evt);

    }

});


jButton2.setFont(new java.awt.Font("Times New Roman", 1, 11)); // NOI18N

jButton2.setForeground(new java.awt.Color(255, 255, 255));

jButton2.setText("Login");

jButton2.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton2MouseClicked(evt);

    }

});

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

        jButton2ActionPerformed(evt);

    }

});


jButton3.setFont(new java.awt.Font("Times New Roman", 1, 11)); // NOI18N

jButton3.setForeground(new java.awt.Color(255, 255, 255));

jButton3.setText("New User");

jButton3.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton3MouseClicked(evt);
```

```java
        }

    });

    jButton3.addActionListener(new java.awt.event.ActionListener() {

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

            jButton3ActionPerformed(evt);

        }

    });


    javax.swing.GroupLayout textpassLayout = new javax.swing.GroupLayout(textpass);

    textpass.setLayout(textpassLayout);

    textpassLayout.setHorizontalGroup(

        textpassLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addGroup(textpassLayout.createSequentialGroup()

            .addGap(46, 46, 46)


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

                .addComponent(jLabel3)

                .addComponent(jLabel2))

            .addGap(59, 59, 59)


.addGroup(textpassLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

                .addComponent(textuser)

                .addComponent(textPass, javax.swing.GroupLayout.DEFAULT_SIZE, 179,
Short.MAX_VALUE))
```

```
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
textpassLayout.createSequentialGroup()

                .addContainerGap(78, Short.MAX_VALUE)

                .addComponent(jButton3)

                .addGap(33, 33, 33)

                .addComponent(jButton2)

                .addGap(32, 32, 32)

                .addComponent(jButton1)

                .addGap(44, 44, 44))

        );

        textpassLayout.setVerticalGroup(

            textpassLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(textpassLayout.createSequentialGroup()

                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(43, 43, 43)


.addGroup(textpassLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILIN
G)

                    .addComponent(jLabel2)

                    .addComponent(textuser, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(36, 36, 36)


.addGroup(textpassLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELI
NE)

                    .addComponent(jLabel3)
```

```java
                    .addComponent(textPass, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(26, 26, 26)


.addGroup(textpassLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELI
NE)

                    .addComponent(jButton1)

                    .addComponent(jButton2)

                    .addComponent(jButton3))

            .addGap(0, 42, Short.MAX_VALUE))

        );


    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(textpass, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    );

    layout.setVerticalGroup(

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(textpass, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    );


    pack();

    setLocationRelativeTo(null);

  }// </editor-fold>
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {



}


private void jButton2MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    String q ="select * from stuinfo.user where username ='"+textuser.getText()+"' and
password = '"+textPass.getText()+"'";

    dbcon obj = new dbcon();

    System.out.println(q);

    Connection con = obj.connection();

    try

    {

        Statement stm = con.createStatement();

        ResultSet rs = stm.executeQuery(q);

        int flag=0;

        String name="";
```

```java
            while(rs.next())

            {

                flag++;

                name=rs.getString(1);

            }

            if(flag==1)

            {

                Main m = new Main(name);

             this.setVisible(false);

             m.setVisible(true);

            }

            else

            {

                JOptionPane.showMessageDialog(this,"Username or Password do Not Match....");

                textuser.setText("");

                textPass.setText("");

                textuser.requestFocus();

            }

        }catch(Exception e)

        {

            System.err.print("Error:> "+e);

        }

    }


    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

        // TODO add your handling code here:
```

```java
    }


    private void jButton3MouseClicked(java.awt.event.MouseEvent evt) {

        // TODO add your handling code here:

        NewUser n = new NewUser();

        n.setVisible(true);

    }



    private void jButton1MouseClicked(java.awt.event.MouseEvent evt) {

        // TODO add your handling code here:

        dispose();

    }



    /**

     * @param args the command line arguments

     */

    public static void main(String args[]) {

        /* Set the Nimbus look and feel */

        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

         */

        try {

            for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
```

```java
            if ("Nimbus".equals(info.getName())) {

                javax.swing.UIManager.setLookAndFeel(info.getClassName());

                break;

            }

        }

    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(LogIn.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(LogIn.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(LogIn.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(LogIn.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    }

    //</editor-fold>


    /* Create and display the form */

    java.awt.EventQueue.invokeLater(new Runnable() {

        public void run() {

            new LogIn().setVisible(true);

        }
```

```java
    });

}


// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel2;

private javax.swing.JPasswordField textPass;

private javax.swing.JPanel textpass;

private javax.swing.JTextField textuser;

// End of variables declaration

}
```
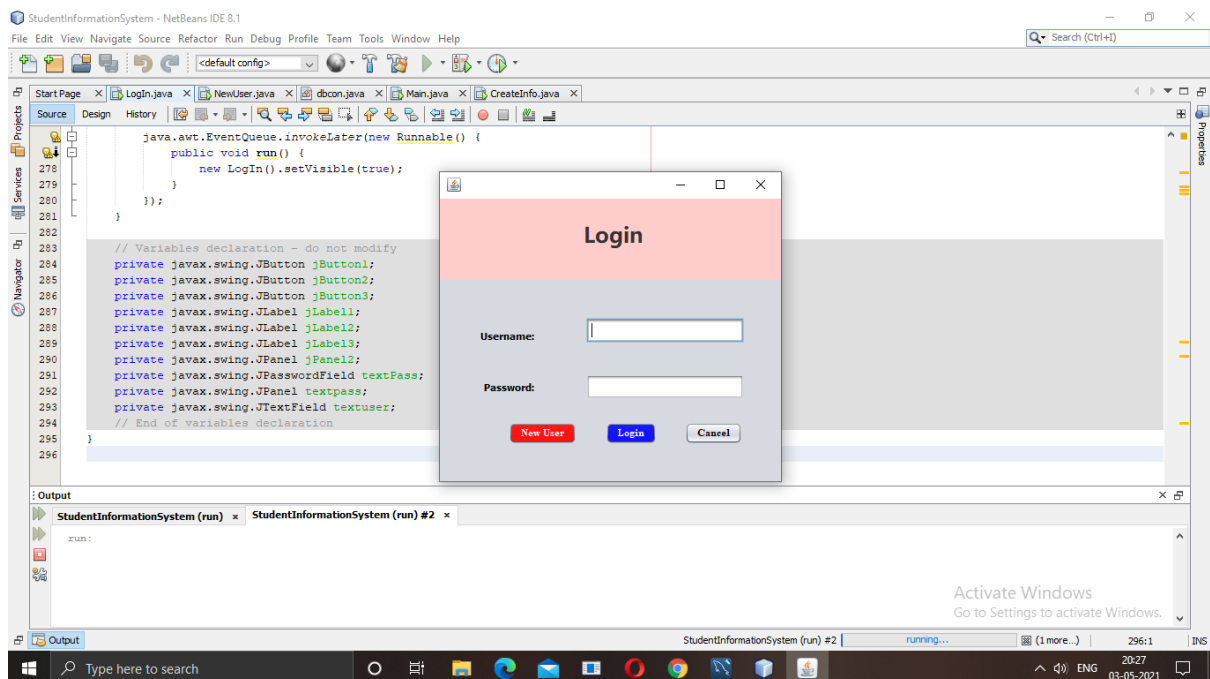
New User Frame creation

```java
package StudentInformation;


import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;


/**
 *
 * @author SENJUTI DEY
 */
public class NewUser extends javax.swing.JFrame {

  /**
   * Creates new form NewUser
   */
  public NewUser() {

    initComponents();

  }


  Connection con;
```

```java
        PreparedStatement pat;

    /**
     * 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() {

        jPanel1 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        txtUser = new javax.swing.JTextField();
        txtPass = new javax.swing.JPasswordField();
        txtConfirm = new javax.swing.JPasswordField();
        txtUtype = new javax.swing.JComboBox<>();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

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

```java
jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 11)); // NOI18N

jLabel1.setText("Username:");


jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 11)); // NOI18N

jLabel2.setText("Password:");


jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 11)); // NOI18N

jLabel3.setText("Confirm Password:");


jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 11)); // NOI18N

jLabel4.setText("User Type:");


txtUtype.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "User",
"Admin" }));

txtUtype.addActionListener(new java.awt.event.ActionListener() {

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

        txtUtypeActionPerformed(evt);

    }

});


jButton1.setBackground(new java.awt.Color(255, 51, 51));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("Add");

jButton1.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {
```

```java
        jButton1MouseClicked(evt);

      }

    });

    jButton1.addActionListener(new java.awt.event.ActionListener() {

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

        jButton1ActionPerformed(evt);

      }

    });


    jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

    jButton2.setText("Cancel");

    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()

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

        .addGroup(jPanel1Layout.createSequentialGroup()

          .addGap(40, 40, 40)
```

```
                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G, false)

                    .addGroup(jPanel1Layout.createSequentialGroup()


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)

                        .addComponent(jLabel1)

                        .addComponent(jLabel2))

                    .addGap(40, 40, 40)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G, false)

                        .addComponent(txtPass, javax.swing.GroupLayout.DEFAULT_SIZE, 141,
Short.MAX_VALUE)

                        .addComponent(txtUser)))

                    .addGroup(jPanel1Layout.createSequentialGroup()


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)

                        .addComponent(jLabel3)

                        .addComponent(jLabel4))


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


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)

                        .addComponent(txtConfirm)

                        .addComponent(txtUtype, 0, 144, Short.MAX_VALUE)))))
                    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
                    .addGap(161, 161, 161)

                    .addComponent(jButton1)

                    .addGap(18, 18, 18)

                    .addComponent(jButton2)))

             .addContainerGap(97, Short.MAX_VALUE))

        );

        jPanel1Layout.setVerticalGroup(

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

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(37, 37, 37)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)

                    .addComponent(jLabel1)

                    .addComponent(txtUser, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

                    .addGap(28, 28, 28)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)

                    .addComponent(jLabel2)

                    .addComponent(txtPass, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

                    .addGap(36, 36, 36)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)

                    .addComponent(jLabel3)
```

```
                    .addComponent(txtConfirm, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(32, 32, 32)


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

                .addComponent(jLabel4)

                .addComponent(txtUtype, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(28, 28, 28)


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

                .addComponent(jButton1)

                .addComponent(jButton2))

            .addContainerGap(36, Short.MAX_VALUE))
    );


    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    );

    layout.setVerticalGroup(

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```java
    );

    pack();

    setLocationRelativeTo(null);

}// </editor-fold>


private void txtUtypeActionPerformed(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:




}


private void jButton1MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    if(txtUser.getText().length() == 0)

    {

        JOptionPane.showMessageDialog(this,"Please type the User Name");

    }

    else if(txtPass.getText().length() == 0)
```

```java
{
    JOptionPane.showMessageDialog(this,"Please type the Password");
}
else if(txtPass.getText().equals(txtConfirm.getText())== false)
{
    JOptionPane.showMessageDialog(this,"Password Not Matched");
}


else
{
  try {


    String username = txtUser.getText();

    String confirmpass = txtConfirm.getText();

    String usertype = txtUtype.getSelectedItem().toString();




    Class.forName("com.mysql.jdbc.Driver");

    con =
DriverManager.getConnection("jdbc:mysql://127.0.0.1:3000/","root","mysql123");

    String abc = "INSERT INTO stuinfo.user VALUES
('"+username+"','"+confirmpass+"','"+usertype+"')";

    Statement stm = con.createStatement();

    stm.execute(abc);

    JOptionPane.showMessageDialog(this, "User Created.....");

    txtUser.setText("");
```

```java
                txtPass.setText("");

                txtConfirm.setText("");

                txtUtype.setSelectedIndex(-1);

                txtUser.requestFocus();



        } catch (ClassNotFoundException ex) {

            Logger.getLogger(NewUser.class.getName()).log(Level.SEVERE, null, ex);

        } catch (SQLException ex) {

            Logger.getLogger(NewUser.class.getName()).log(Level.SEVERE, null, ex);

        }





    }
}



private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

    dispose();

}



/**

 * @param args the command line arguments

 */

public static void main(String args[]) {
```

```java
        /* Set the Nimbus look and feel */

        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
feel.

         * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

         */

        try {

            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {

                if ("Nimbus".equals(info.getName())) {

                    javax.swing.UIManager.setLookAndFeel(info.getClassName());

                    break;

                }

            }

        } catch (ClassNotFoundException ex) {


java.util.logging.Logger.getLogger(NewUser.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);

        } catch (InstantiationException ex) {


java.util.logging.Logger.getLogger(NewUser.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);

        } catch (IllegalAccessException ex) {


java.util.logging.Logger.getLogger(NewUser.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```java
            java.util.logging.Logger.getLogger(NewUser.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);

        }

        //</editor-fold>


        /* Create and display the form */

        java.awt.EventQueue.invokeLater(new Runnable() {

            public void run() {

                new NewUser().setVisible(true);

            }

        });

    }


    // Variables declaration - do not modify

    private javax.swing.JButton jButton1;

    private javax.swing.JButton jButton2;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JLabel jLabel4;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JPasswordField txtConfirm;

    private javax.swing.JPasswordField txtPass;

    private javax.swing.JTextField txtUser;

    private javax.swing.JComboBox<String> txtUtype;

    // End of variables declaration
```
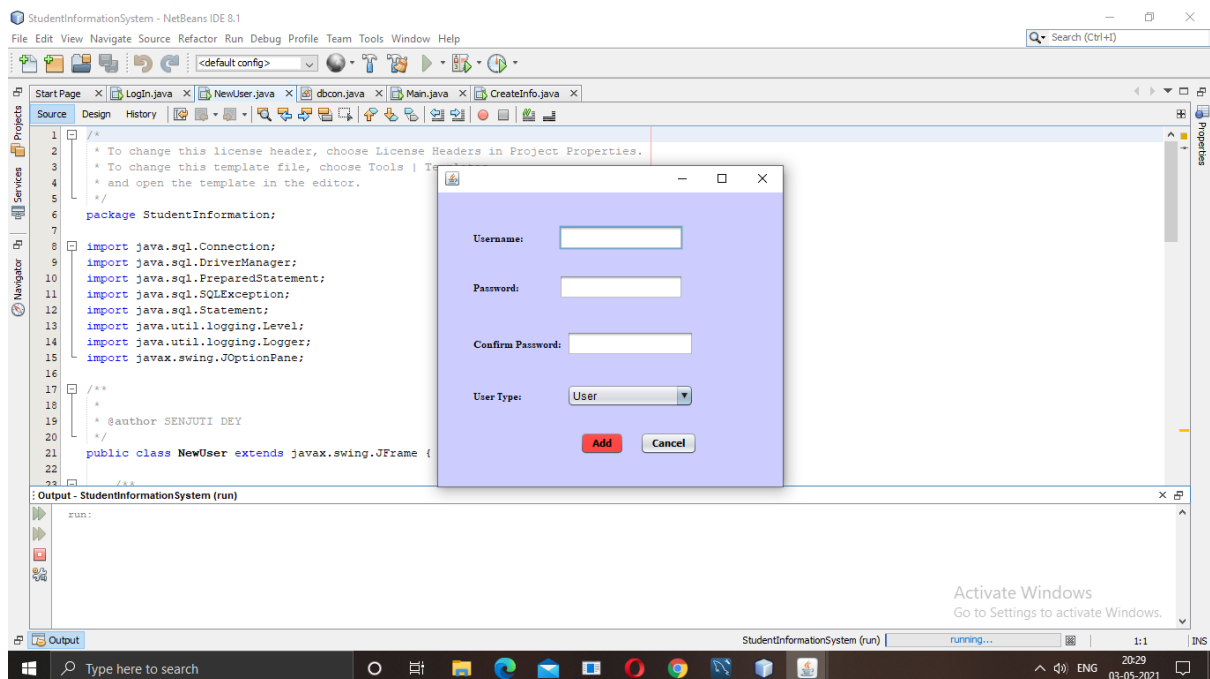
}

Main page creation with user name and user 's personal information display

package StudentInformation;

import java.io.File;

import java.sql.Connection;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

/**

*

* @author SENJUTI DEY

```java
    */
public class Main extends javax.swing.JFrame {


  /**
   * Creates new form Main
   */
  public static String nm;

  public static String str;

  public Main() {

    initComponents();

  }

  public Main(String nm) throws SQLException {

    initComponents();

    name.setText(nm);

    str = nm;

    this.nm=nm;

    DefaultTableModel model = (DefaultTableModel) jTable1.getModel();

    String gn="Fe-Male";

    String qf="School Student";

    String q = "SELECT * FROM stuinfo.userinfo where admin='"+nm+"';";

    System.out.println(q);

    dbcon con = new dbcon();

    Connection c = con.connection();

    try{

      Statement stm = c.createStatement();

      ResultSet rs = stm.executeQuery(q);
```

```java
        while(rs.next())

    {

        if(rs.getInt(11)==0)

        {

            gn="Male";

        }else if(rs.getInt(11)==1)

        {

            gn="Fe-Male";

        }else

        {

            gn="Others";

        }

        if(rs.getInt(9)==0)

        {

            qf="School Student";

        }else if(rs.getInt(11)==1)

        {

            qf="College Student";

        }


        model.insertRow(model.getRowCount(),new
Object[]{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(4),rs.getString(5),rs.getString(6),rs.getString(7),qf,rs.getString(10),gn,rs.getString(12)});

    }

}

catch(Exception e)

{
```

```java
            System.out.println(e);

        }

    }
    /**

     * 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() {


        jPanel1 = new javax.swing.JPanel();

        name = new javax.swing.JLabel();

        jLabel1 = new javax.swing.JLabel();

        jLabel2 = new javax.swing.JLabel();

        jLabel4 = new javax.swing.JLabel();

        jPanel2 = new javax.swing.JPanel();

        jTabbedPane1 = new javax.swing.JTabbedPane();

        jPanel3 = new javax.swing.JPanel();

        jButton1 = new javax.swing.JButton();

        jScrollPane1 = new javax.swing.JScrollPane();

        jTable1 = new javax.swing.JTable();

        jButton5 = new javax.swing.JButton();

        jPanel4 = new javax.swing.JPanel();

        jButton2 = new javax.swing.JButton();
```

```java
jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();


javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

    .addGap(0, 100, Short.MAX_VALUE)

);

jPanel1Layout.setVerticalGroup(

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

    .addGap(0, 100, Short.MAX_VALUE)

);


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);


name.setFont(new java.awt.Font("Bradley Hand ITC", 1, 24)); // NOI18N

name.setText("<User name>");


jLabel1.setFont(new java.awt.Font("PMingLiU-ExtB", 1, 18)); // NOI18N

jLabel1.setText("USER :");


jLabel2.setBackground(new java.awt.Color(0, 102, 51));

jLabel2.setFont(new java.awt.Font("Sitka Small", 1, 18)); // NOI18N

jLabel2.setForeground(new java.awt.Color(153, 0, 153));
```

```java
jLabel2.setText("PERSONAL  INFORMATION");

jLabel2.setBorder(javax.swing.BorderFactory.createCompoundBorder());


javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGap(0, 184, Short.MAX_VALUE)

);

jPanel2Layout.setVerticalGroup(

    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGap(0, 195, Short.MAX_VALUE)

);


jTabbedPane1.setBackground(new java.awt.Color(102, 255, 102));

jTabbedPane1.setForeground(new java.awt.Color(0, 102, 102));


jButton1.setBackground(new java.awt.Color(0, 153, 153));

jButton1.setFont(new java.awt.Font("Verdana", 1, 12)); // NOI18N

jButton1.setText("REFRESH");

jButton1.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton1MouseClicked(evt);

    }

});
```

```java
jTable1.setBackground(new java.awt.Color(0, 0, 0));

jTable1.setFont(new java.awt.Font("Verdana", 1, 11)); // NOI18N

jTable1.setForeground(new java.awt.Color(255, 255, 255));

jTable1.setModel(new javax.swing.table.DefaultTableModel(

    new Object [][] {



    },

    new String [] {

        "userId", "username", "userphone", "useremail", "userbirthday", "userfather",
"usermother", "qualification", "Institution", "gender", "Address"

    }

));

jScrollPane1.setViewportView(jTable1);

if (jTable1.getColumnModel().getColumnCount() > 0) {

    jTable1.getColumnModel().getColumn(0).setHeaderValue("userId");

    jTable1.getColumnModel().getColumn(1).setHeaderValue("username");

    jTable1.getColumnModel().getColumn(2).setHeaderValue("userphone");

    jTable1.getColumnModel().getColumn(3).setHeaderValue("useremail");

    jTable1.getColumnModel().getColumn(4).setHeaderValue("userbirthday");

    jTable1.getColumnModel().getColumn(5).setHeaderValue("userfather");

    jTable1.getColumnModel().getColumn(6).setHeaderValue("usermother");

    jTable1.getColumnModel().getColumn(7).setHeaderValue("qualification");

    jTable1.getColumnModel().getColumn(8).setHeaderValue("Institution");

    jTable1.getColumnModel().getColumn(9).setHeaderValue("gender");

    jTable1.getColumnModel().getColumn(10).setHeaderValue("Address");

}
```

```java
jButton5.setBackground(new java.awt.Color(255, 51, 0));

jButton5.setFont(new java.awt.Font("Verdana", 1, 12)); // NOI18N

jButton5.setText("DELETE");

jButton5.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton5MouseClicked(evt);

    }

});


javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);

jPanel3.setLayout(jPanel3Layout);

jPanel3Layout.setHorizontalGroup(

    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 886, Short.MAX_VALUE)

    .addGroup(jPanel3Layout.createSequentialGroup()

        .addGap(328, 328, 328)

        .addComponent(jButton1)

        .addGap(63, 63, 63)

        .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 93, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

);

jPanel3Layout.setVerticalGroup(

    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()

            .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 461,
Short.MAX_VALUE)

            .addGap(18, 18, 18)


.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)

                .addComponent(jButton1)

                .addComponent(jButton5))

            .addContainerGap())

    );


    jTabbedPane1.addTab("Home", jPanel3);


    jButton2.setBackground(new java.awt.Color(255, 204, 0));

    jButton2.setFont(new java.awt.Font("Verdana", 1, 12)); // NOI18N

    jButton2.setText("Create");

    jButton2.addMouseListener(new java.awt.event.MouseAdapter() {

        public void mouseClicked(java.awt.event.MouseEvent evt) {

            jButton2MouseClicked(evt);

        }

    });


    jButton3.setBackground(new java.awt.Color(102, 204, 0));

    jButton3.setFont(new java.awt.Font("Verdana", 1, 12)); // NOI18N

    jButton3.setText("Update");
```

```java
jButton3.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton3MouseClicked(evt);

    }

});


jButton4.setBackground(new java.awt.Color(255, 204, 153));

jButton4.setFont(new java.awt.Font("Verdana", 1, 12)); // NOI18N

jButton4.setText("Log Out");

jButton4.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton4MouseClicked(evt);

    }

});


javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);

jPanel4.setLayout(jPanel4Layout);

jPanel4Layout.setHorizontalGroup(

    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(jPanel4Layout.createSequentialGroup()

        .addGap(26, 26, 26)

        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(273, 273, 273)

        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 280,
Short.MAX_VALUE)

            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(22, 22, 22))

    );

    jPanel4Layout.setVerticalGroup(

      jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

      .addGroup(jPanel4Layout.createSequentialGroup()

        .addGap(192, 192, 192)


.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 57,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 57,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 57,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addContainerGap(266, Short.MAX_VALUE))

    );


    jTabbedPane1.addTab("Settings", jPanel4);


    jButton6.setText("jButton6");


    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(175, 175, 175))

.addComponent(jTabbedPane1, javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addGap(34, 34, 34)

.addComponent(jLabel4))

.addGroup(layout.createSequentialGroup()

.addGap(331, 331, 331)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(name))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jButton6)

.addGap(229, 229, 229)

.addComponent(jLabel2)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
layout.setVerticalGroup(
```

```java
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(name)

                    .addComponent(jLabel1))

                .addGap(61, 61, 61)

                .addComponent(jLabel2)

                .addGap(10, 10, 10)

                .addComponent(jLabel4)

                .addGap(33, 33, 33)

                .addComponent(jTabbedPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 543,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                .addComponent(jButton6)

                .addGap(18, 18, 18))
    );

    pack();

    setLocationRelativeTo(null);
```

```java
}// </editor-fold>

private void jButton2MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    CreateInfo c = new CreateInfo(str);

    c.setVisible(true);

}

private void jButton4MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    LogIn m = new LogIn();

    m.setVisible(true);

    this.setVisible(false);

}

private void jButton1MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    DefaultTableModel model = (DefaultTableModel) jTable1.getModel();

    int row = model.getRowCount();

    int i;

    for(i=row-1;i>=0;i--)

    {

        model.removeRow(i);

    }

    String gn="Fe-Male";

    String qf="School Student";
```

```java
String q = "SELECT * FROM stuinfo.userinfo where admin='"+nm+"';";

dbcon con = new dbcon();

Connection c = con.connection();

try{

    Statement stm = c.createStatement();

    ResultSet rs = stm.executeQuery(q);

    while(rs.next())

    {

        if(rs.getInt(11)==0)

        {

            gn="Male";

        }else if(rs.getInt(11)==1)

        {

            gn="Fe-Male";

        }else

        {

            gn="Others";

        }

        if(rs.getInt(9)==0)

        {

            qf="School Student";

        }else if(rs.getInt(11)==1)

        {

            qf="College Student";

        }
```

```java
            model.insertRow(model.getRowCount(),new
Object[]{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(4),rs.getString(5),rs.getStri
ng(6),rs.getString(7),qf,rs.getString(10),gn,rs.getString(12)});

        }

    }catch(Exception e)

        {

        System.out.println(e);

        }

}


    private void jButton5MouseClicked(java.awt.event.MouseEvent evt) {

        // TODO add your handling code here:

        try

        {

            DefaultTableModel model = (DefaultTableModel) jTable1.getModel();

            int row = jTable1.getSelectedRow();

            System.out.println(row);

            String id = String.valueOf(model.getValueAt(row, 0));

            String name = String.valueOf(model.getValueAt(row, 1));

            int cnf = JOptionPane.showConfirmDialog(this,"Do you want to delete "+name);

            System.out.println(cnf);

            dbcon obj = new dbcon();

            Connection con = obj.connection();

            String path = "C:\\Users\\SENJUTI DEY\\Pictures\\User_pic\\"+id+".jpg";


            if(cnf==0)

            {
```

```
        String delop = "delete from stuinfo.userinfo where userId='"+id+"'";

    try

    {

        Statement stm = con.createStatement();

        stm.execute(delop);

        File file = new File(path);

        boolean fi = file.delete();

        if(fi==false)

        {

            JOptionPane.showMessageDialog(this, "Error >> pic deletion unsuccessfull!");

        }


    int r = model.getRowCount();

    int i;

    for(i=r-1;i>=0;i--)

    {

        model.removeRow(i);

    }

    String q = "SELECT * FROM stuinfo.userinfo where admin='"+str+"';";

    try{

        Statement stml = con.createStatement();

        ResultSet rs = stml.executeQuery(q);

        while(rs.next())

        {

            model.insertRow(model.getRowCount(),new
Object[]{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(4),rs.getString(5),rs.getStri
ng(6),rs.getString(7),rs.getString(9),rs.getString(10),rs.getString(11),rs.getString(12)});
```

```java
        }

      }

      catch(Exception e)

      {

        JOptionPane.showMessageDialog(this,"Error >>"+e);

      }

        }catch(Exception e)

      {

        JOptionPane.showMessageDialog(this,"Error >>"+e);

      }

        }

      }catch(Exception e)

      {

        JOptionPane.showMessageDialog(this,"Select an User row");

      }

  }


  private void jButton3MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    try{

      DefaultTableModel model = (DefaultTableModel) jTable1.getModel();

      int row = jTable1.getSelectedRow();

      System.out.println(row);

      String id = String.valueOf(model.getValueAt(row, 0));

      dbcon obj = new dbcon();

      String st = "select * from stuinfo.userinfo where userId='"+id+"'";
```

```java
            Connection con = obj.connection();

            try

            {

                Statement stm = con.createStatement();

                ResultSet rs = stm.executeQuery(st);

                CreateInfo update = new CreateInfo(rs);

                update.setVisible(true);

            }catch(Exception e)

            {

                System.out.println("Error >>"+e);

            }

        }catch(Exception e)

        {

            JOptionPane.showMessageDialog(this, "Select an User row");

        }


    }


    /**

     * @param args the command line arguments

     */

    public static void main(String args[]) {

        /* Set the Nimbus look and feel */

        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
feel.
```

```
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

    */

    try {

        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {

            if ("Nimbus".equals(info.getName())) {

                javax.swing.UIManager.setLookAndFeel(info.getClassName());

                break;

            }

        }

    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    }

    //</editor-fold>
```

```java
        /* Create and display the form */

        java.awt.EventQueue.invokeLater(new Runnable() {

            public void run() {

                new Main().setVisible(true);

            }

        });

    }


    // Variables declaration - do not modify

    private javax.swing.JButton jButton1;

    private javax.swing.JButton jButton2;

    private javax.swing.JButton jButton3;

    private javax.swing.JButton jButton4;

    private javax.swing.JButton jButton5;

    private javax.swing.JButton jButton6;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel4;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JPanel jPanel2;

    private javax.swing.JPanel jPanel3;

    private javax.swing.JPanel jPanel4;

    private javax.swing.JScrollPane jScrollPane1;

    private javax.swing.JTabbedPane jTabbedPane1;

    private javax.swing.JTable jTable1;

    private javax.swing.JLabel name;
```
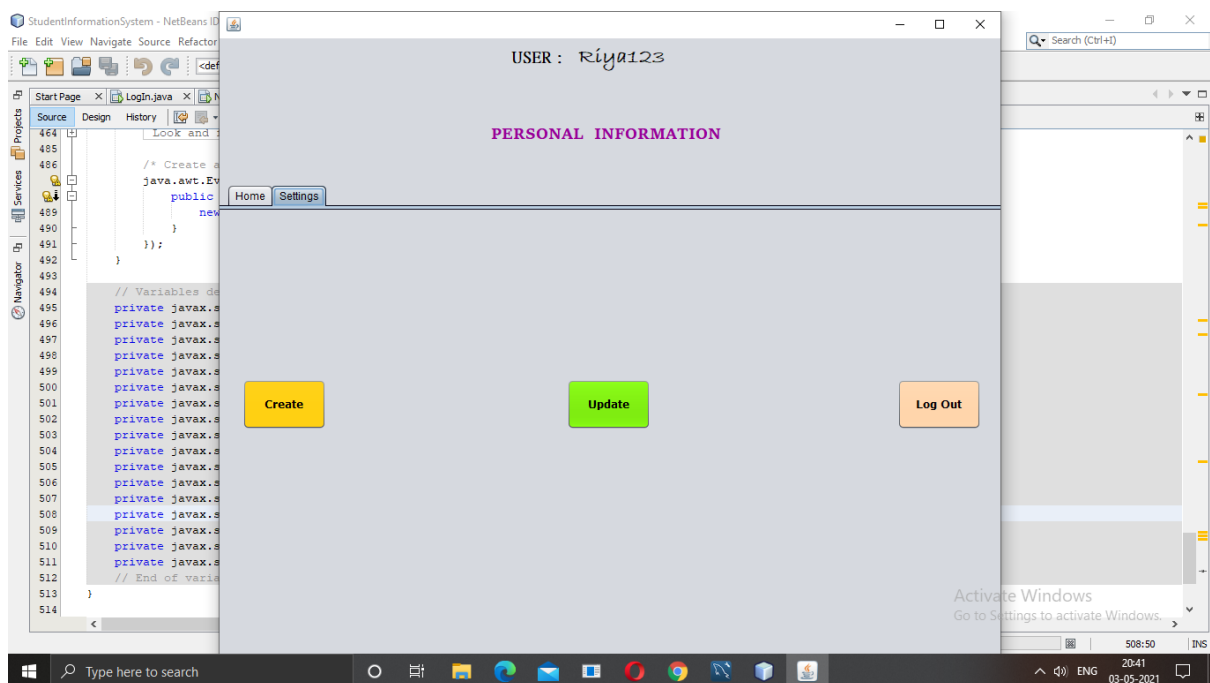
// End of variables declaration

}
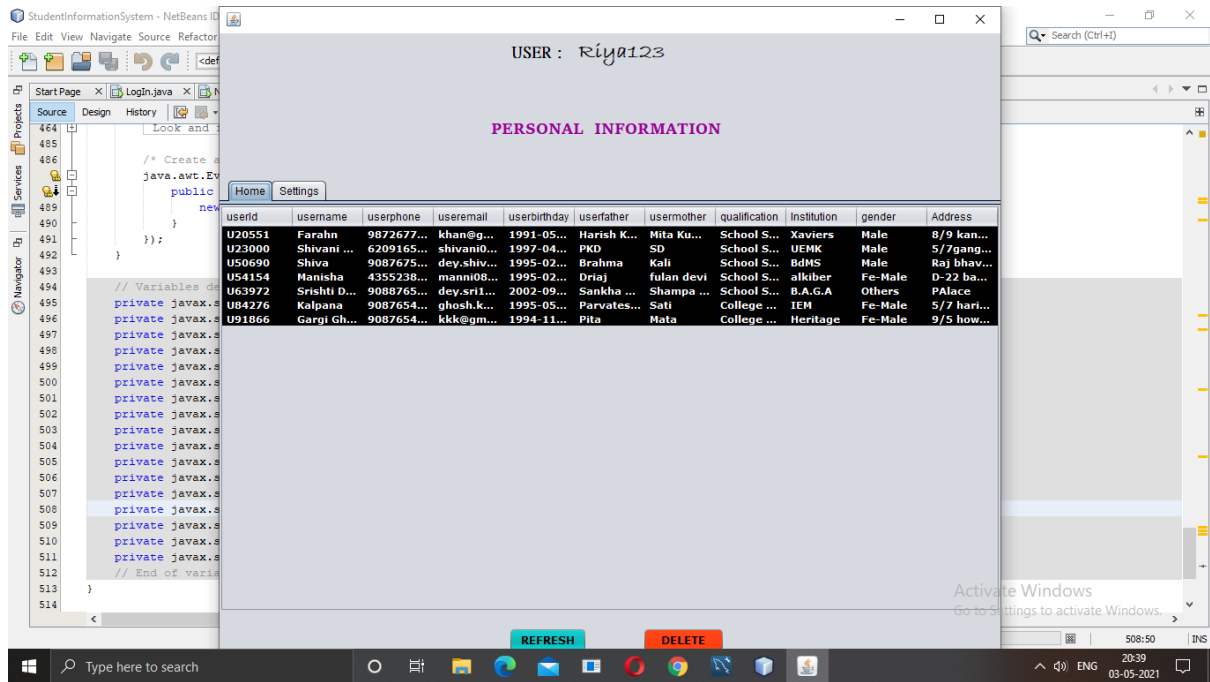
CREATE, UPDATE and Logout button creation

Create Information page creation :

```java
package StudentInformation;


import java.awt.Frame;

import java.awt.Image;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.nio.channels.FileChannel;

import java.sql.*;

import javax.swing.ImageIcon;

import javax.swing.JFileChooser;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

import javax.swing.filechooser.FileNameExtensionFilter;


/**
 *
 * @author SENJUTI DEY
 */
public class CreateInfo extends javax.swing.JFrame {

    /**
     * Creates new form CreateInfo
     */
```

```java
public static final int CREATE=0;

public static int todo=0;

public static String useri;

public static final int UPDATE=1;

public static String admin;

public static String uid;

public CreateInfo() {

    initComponents();

    todo=0;

    setExtendedState(JFrame.MAXIMIZED_VERT);

}

public CreateInfo(String nm) {

    initComponents();

    admin = nm;


}

public CreateInfo(ResultSet rs)

{

    initComponents();

    todo=1;

    jButton2.setText("UPDATE");

    jButton1.setVisible(false);

    jButton4.setVisible(false);

    setExtendedState(JFrame.MAXIMIZED_VERT);

    try

    {
```

```java
                System.out.println(todo);

                rs.next();

                useri=rs.getString(1);

                ename.setText(rs.getString(2));

                ephone.setText(rs.getString(3));

                email.setText(rs.getString(4));


                father.setText(rs.getString(6));

                mother.setText(rs.getString(7));

                adhaar.setText(rs.getString(8));

                qualification.setSelectedIndex(rs.getInt(9));

                lname.setText(rs.getString(10));

                gender.setSelectedIndex(rs.getInt(11));

                address.setText(rs.getString(12));



                String picfile = "C:\\Users\\SENJUTI
        DEY\\Pictures\\User_pic\\"+rs.getString(1)+".jpg";

                ImageIcon imgic = new ImageIcon(picfile);

                Image imFit = imgic.getImage();

                Image imgFit = imFit.getScaledInstance(empimg.getWidth(),empimg.getHeight(),
        Image.SCALE_SMOOTH);

                empimg.setIcon(new ImageIcon(imgFit));




        }catch(Exception e)

        {

        System.out.println(e);
```

```java
        }

    }

    public static String filepath;

    /**
     * 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() {

        jLabel1 = new javax.swing.JLabel();

        ename = new javax.swing.JTextField();

        jLabel2 = new javax.swing.JLabel();

        ephone = new javax.swing.JTextField();

        jLabel3 = new javax.swing.JLabel();

        email = new javax.swing.JTextField();

        jLabel4 = new javax.swing.JLabel();

        jLabel5 = new javax.swing.JLabel();

        year = new javax.swing.JComboBox<>();

        jLabel6 = new javax.swing.JLabel();

        month = new javax.swing.JComboBox<>();

        jLabel7 = new javax.swing.JLabel();

        date = new javax.swing.JComboBox<>();
```

```java
jLabel8 = new javax.swing.JLabel();

father = new javax.swing.JTextField();

jLabel9 = new javax.swing.JLabel();

mother = new javax.swing.JTextField();

jLabel10 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

address = new javax.swing.JTextArea();

jLabel11 = new javax.swing.JLabel();

gender = new javax.swing.JComboBox<>();

jLabel12 = new javax.swing.JLabel();

adhaar = new javax.swing.JTextField();

jLabel14 = new javax.swing.JLabel();

qualification = new javax.swing.JComboBox<>();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jLabel13 = new javax.swing.JLabel();

lname = new javax.swing.JTextField();

empimg = new javax.swing.JLabel();

jButton4 = new javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);


jLabel1.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel1.setText("NAME :");
```

```java
jLabel2.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel2.setText("Phone Number :");


ephone.addActionListener(new java.awt.event.ActionListener() {

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

        ephoneActionPerformed(evt);

    }

});


jLabel3.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel3.setText("E-mail :");


jLabel4.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel4.setText("Birthday :");


jLabel5.setFont(new java.awt.Font("Trebuchet MS", 1, 12)); // NOI18N

jLabel5.setText("Year :");


year.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "--Year--",
"1990", "1991", "1992", "1993", "1994", "1995", "1996", "1997", "1998", "1999", "2000",
"2001", "2002", "2004", "2005", "2006", "2007", "2008", "2009", "2010", " " }));

year.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        yearMouseClicked(evt);

    }

});

year.addActionListener(new java.awt.event.ActionListener() {
```

```java
    public void actionPerformed(java.awt.event.ActionEvent evt) {

        yearActionPerformed(evt);

    }

});


jLabel6.setFont(new java.awt.Font("Trebuchet MS", 1, 12)); // NOI18N

jLabel6.setText("Month :");


month.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2",
"3", "4", "5", "6", "7", "8", "9", "10", "11", "12" }));

month.addActionListener(new java.awt.event.ActionListener() {

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

        monthActionPerformed(evt);

    }

});


jLabel7.setFont(new java.awt.Font("Trebuchet MS", 1, 12)); // NOI18N

jLabel7.setText("Date :");


date.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3",
"4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20",
"21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));

date.addActionListener(new java.awt.event.ActionListener() {

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

        dateActionPerformed(evt);

    }

});
```

```java
jLabel8.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel8.setText("Father's Name :");


jLabel9.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel9.setText("Mother's Name :");


jLabel10.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel10.setText("Address :");


address.setColumns(20);

address.setRows(5);

jScrollPane1.setViewportView(address);


jLabel11.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel11.setText("Gender :");


gender.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Male",
"Fe-Male", "Others" }));


jLabel12.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel12.setText("Adhaar Card Number :");


jLabel14.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel14.setText("Qualification :");
```

```java
qualification.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"School student", "College student" }));


jButton1.setFont(new java.awt.Font("Yu Gothic", 1, 18)); // NOI18N

jButton1.setForeground(new java.awt.Color(51, 0, 204));

jButton1.setText("RESET");

jButton1.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton1MouseClicked(evt);

    }

});


jButton2.setFont(new java.awt.Font("Yu Gothic", 1, 18)); // NOI18N

jButton2.setForeground(new java.awt.Color(204, 0, 0));

jButton2.setText("SUBMIT");

jButton2.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton2MouseClicked(evt);

    }

});


jButton3.setFont(new java.awt.Font("Yu Gothic", 1, 18)); // NOI18N

jButton3.setText("CANCEL");

jButton3.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jButton3MouseClicked(evt);
```

```java
        }

    });


        jLabel13.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

        jLabel13.setText("Institution Name :");


        empimg.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0,
0, 0)));


        jButton4.setBackground(new java.awt.Color(255, 204, 0));

        jButton4.setFont(new java.awt.Font("Times New Roman", 1, 11)); // NOI18N

        jButton4.setText("Choose Image");

        jButton4.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jButton4MouseClicked(evt);

            }

        });


        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()

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

                    .addGroup(layout.createSequentialGroup()
```

```
                .addGap(0, 8, Short.MAX_VALUE)

                .addComponent(jLabel8)

                .addGap(402, 402, 402))

            .addGroup(layout.createSequentialGroup()

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

            .addGroup(layout.createSequentialGroup()

                .addComponent(jLabel5)

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

                .addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

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

                .addComponent(jLabel6)

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

                .addComponent(month, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

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

                .addComponent(jLabel7)

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

                .addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGroup(layout.createSequentialGroup()

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

                .addComponent(jButton1)
```

```
                        .addGroup(layout.createSequentialGroup()

                            .addComponent(jLabel11)


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

                            .addComponent(gender, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))

                        .addGap(59, 59, 59)

                        .addComponent(jButton2)))

                    .addGap(0, 232, Short.MAX_VALUE))

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()


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

                        .addComponent(jLabel3)

                        .addComponent(jLabel1)

                        .addComponent(jLabel2)


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

                            .addComponent(ename, javax.swing.GroupLayout.DEFAULT_SIZE, 220,
Short.MAX_VALUE)

                            .addComponent(ephone)))

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

                        .addComponent(empimg, javax.swing.GroupLayout.PREFERRED_SIZE, 132,
javax.swing.GroupLayout.PREFERRED_SIZE)

                        .addGap(81, 81, 81))

                    .addGroup(layout.createSequentialGroup()


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
221, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(father, javax.swing.GroupLayout.PREFERRED_SIZE, 221,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

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

                .addComponent(jButton3)

                .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()

                    .addComponent(jLabel9)

                    .addGap(122, 122, 122)

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

                    .addComponent(Iname)

                    .addGroup(layout.createSequentialGroup()

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

                        .addComponent(jLabel12)

                        .addGroup(layout.createSequentialGroup()

                          .addComponent(jLabel14)

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

                          .addComponent(qualification,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

                          .addComponent(jLabel13)
```

```
                            .addComponent(adhaar,
javax.swing.GroupLayout.PREFERRED_SIZE, 180,
javax.swing.GroupLayout.PREFERRED_SIZE))

                            .addGap(0, 0, Short.MAX_VALUE))))

                    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()


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

                            .addComponent(jLabel10)

                            .addComponent(jLabel4)

                            .addComponent(mother, javax.swing.GroupLayout.PREFERRED_SIZE,
221, javax.swing.GroupLayout.PREFERRED_SIZE))

                            .addGap(0, 0, Short.MAX_VALUE)))

                    .addGap(64, 64, 64))

                .addGroup(layout.createSequentialGroup()

                    .addComponent(email, javax.swing.GroupLayout.PREFERRED_SIZE, 161,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                    .addComponent(jButton4)

                    .addGap(90, 90, 90))))
    );
    layout.setVerticalGroup(

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(layout.createSequentialGroup()

            .addGap(15, 15, 15)


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

                .addGroup(layout.createSequentialGroup()
```

```
                .addComponent(jLabel1)

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

                .addComponent(ename, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                .addComponent(jLabel2)

                .addGap(14, 14, 14)

                .addComponent(ephone, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

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

                .addComponent(jLabel3))

            .addComponent(empimg, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

        .addGap(18, 18, 18)


    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                .addComponent(email, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButton4))

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

        .addComponent(jLabel4)

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


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

            .addComponent(jLabel5)


    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                .addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
                .addComponent(jLabel6)

                .addComponent(month, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel7)

                .addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))

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


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

            .addComponent(jLabel12, javax.swing.GroupLayout.Alignment.TRAILING)

            .addComponent(jLabel8))

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


    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(father, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(adhaar, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(18, 18, 18)


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

            .addGroup(layout.createSequentialGroup()

            .addComponent(jLabel9)

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

            .addComponent(mother, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

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


    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
                    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(jLabel13)))

                .addGroup(layout.createSequentialGroup()

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel14)

                    .addComponent(qualification, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

                    .addGap(55, 55, 55)))

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

                    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(lname, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(18, 18, 18)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel11)

                    .addComponent(gender, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 42,
Short.MAX_VALUE)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jButton1)

                    .addComponent(jButton2)

                    .addComponent(jButton3))

                .addContainerGap())
```

```java
        );


    pack();

    setLocationRelativeTo(null);

}// </editor-fold>


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

    // TODO add your handling code here:

}


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

    // TODO add your handling code here:



}


private void jButton3MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    this.dispose();

}


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

    // TODO add your handling code here:

    date.removeAllItems();

    int m = Integer.parseInt(String.valueOf(month.getSelectedItem()));

    int y = Integer.parseInt(String.valueOf(year.getSelectedItem()));

    if(m==1||m==3||m==10||m==12||m==5||m==7||m==8)
```

```java
{
  for(int i=1;i<=31;i++)
  {
    date.addItem(String.valueOf(i));
  }
}
else
    if(m==4||m==6||m==9||m==11)
    {
      for(int i = 1;i<=30; i++)
      {
        date.addItem(String.valueOf(i));
      }
    }
    else if(m==2&&((y%400==0)||(y%4==0&&y%100!=0)))
    {
      for(int i = 1;i<=29;i++)
      {
        date.addItem(String.valueOf(i));
      }
    }
    else
    {
      for(int i = 1;i<=28;i++)
      {
        date.addItem(String.valueOf(i));
```

```
        }


    }



}


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

    // TODO add your handling code here:

    date.removeAllItems();

}


private void jButton1MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    ename.setText("");

    ephone.setText("");

    email.setText("");

    year.setSelectedIndex(0);

    father.setText("");

    mother.setText("");

    adhaar.setText("");

    qualification.setSelectedIndex(0);

    lname.setText("");

    address.setText("");
```

```java
        gender.setSelectedIndex(0);

        month.setSelectedIndex(0);



    }



    private void jButton2MouseClicked(java.awt.event.MouseEvent evt) {

        // TODO add your handling code here:

        dbcon c = new dbcon();

            Connection con = c.connection();

            if(todo==CREATE)

            {

        int max = 99999;

        int min = 10000;

        int Id = (int)(Math.random()*(max-min+1)+min);

        String userId = "U"+Id;

        System.out.println(userId);

        String dat = year.getSelectedItem()+"-"+month.getSelectedItem()+"-
"+date.getSelectedItem();

        System.out.println(dat);

        //C:\Users\SENJUTI DEY\Pictures\User_pic

        String picfile = "C:\\Users\\SENJUTI DEY\\Pictures\\User_pic\\"+userId+".jpg";


        File infile = new File(filepath);

        File outfile = new File(picfile);
```

```java
    String str ="insert into stuinfo.userinfo
values('"+userId+"','"+ename.getText()+"','"+ephone.getText()+"','"+email.getText()+"','"+da
t+"','"+father.getText()+"','"+mother.getText()+"','"+adhaar.getText()+","'+qualification.getSe
lectedIndex()+"','"+lname.getText()+"','"+gender.getSelectedIndex()+"','"+address.getText()+
"','"+admin+"');";

    System.out.println(str);

    try{

      Statement stm = con.createStatement();

      stm.execute(str);

      JOptionPane.showMessageDialog(this, "User Info. Added successfully!");

      ename.setText("");

    ephone.setText("");

    email.setText("");

    year.setSelectedIndex(0);

    father.setText("");

    mother.setText("");

    adhaar.setText("");

    qualification.setSelectedIndex(0);

    lname.setText("");

    address.setText("");

    gender.setSelectedIndex(0);

    try {

      copyFileUsingNIO(infile,outfile);

    } catch (Exception e) {

      e.printStackTrace();

    }

    }
```

```java
        catch(Exception e)

    {

      JOptionPane.showMessageDialog(this, "Error :>"+e);

    }

      }

      else

      {

          String update = "update stuinfo.userinfo set
username='"+ename.getText()+"',userphone='"+ephone.getText()+"',useremail='"+email.get
Text()+"',userfather='"+father.getText()+"',usermother='"+mother.getText()+"',useradhaar="
+adhaar.getText()+",qualification="+qualification.getSelectedIndex()+",Institution='"+Iname.
getText()+"',gender="+gender.getSelectedIndex()+",Address='"+address.getText()+"' where
userID='"+useri+"'";

        try{

          Statement stm = con.createStatement();

          stm.executeUpdate(update);

          JOptionPane.showMessageDialog(this, "User Updated Successfully!");

          this.dispose();

        }catch(Exception e)

        {

          JOptionPane.showMessageDialog(this, "Error :>"+e);

        }


        }

    }


    private void jButton4MouseClicked(java.awt.event.MouseEvent evt) {

      // TODO add your handling code here:
```

```java
        JFileChooser filechoose = new JFileChooser();

        FileNameExtensionFilter filter = new FileNameExtensionFilter("3 Extension
Supported","jpg","png","jpeg");

        filechoose.setFileFilter(filter);

        int selected = filechoose.showOpenDialog(this);

        if(selected==JFileChooser.APPROVE_OPTION)

        {

            File file = filechoose.getSelectedFile();

            String getSelectedImg = file.getAbsolutePath();

            filepath = getSelectedImg;

            ImageIcon imgic = new ImageIcon(getSelectedImg);

            Image imFit = imgic.getImage();

            Image imgFit =
imFit.getScaledInstance(empimg.getWidth(),empimg.getHeight(),Image.SCALE_SMOOTH);

            empimg.setIcon(new ImageIcon(imgFit));

        }

    }


    private void yearMouseClicked(java.awt.event.MouseEvent evt) {

        // TODO add your handling code here:

    }


    /**

     * @param args the command line arguments

     */

    public static void main(String args[]) {

        /* Set the Nimbus look and feel */
```

```java
//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

 * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

 */

try {

    for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

        if ("Nimbus".equals(info.getName())) {

            javax.swing.UIManager.setLookAndFeel(info.getClassName());

            break;

        }

    }

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(CreateInfo.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(CreateInfo.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(CreateInfo.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(CreateInfo.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```java
        }
    //</editor-fold>


    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new CreateInfo().setVisible(true);
        }
    });
}


// Variables declaration - do not modify
private javax.swing.JTextField lname;

private javax.swing.JTextArea address;

private javax.swing.JTextField adhaar;

private javax.swing.JComboBox<String> date;

private javax.swing.JTextField email;

private javax.swing.JLabel empimg;

private javax.swing.JTextField ename;

private javax.swing.JTextField ephone;

private javax.swing.JTextField father;

private javax.swing.JComboBox<String> gender;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;
```

```java
    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.JScrollPane jScrollPane1;

    private javax.swing.JComboBox<String> month;

    private javax.swing.JTextField mother;

    private javax.swing.JComboBox<String> qualification;

    private javax.swing.JComboBox<String> year;

    // End of variables declaration


    private void copyFileUsingNIO(File infile, File outfile)throws Exception {

      FileInputStream inputStream = new FileInputStream(infile);

       FileOutputStream outputStream = new FileOutputStream(outfile);

       FileChannel inChannel = inputStream.getChannel();

       FileChannel outChannel = outputStream.getChannel();
```

```
    try {

        inChannel.transferTo(0, inChannel.size(), outChannel);

    } finally {

        inChannel.close();

        outChannel.close();

        inputStream.close();

        outputStream.close();

    }

}

    //To change body of generated methods, choose Tools | Templates.

}
```
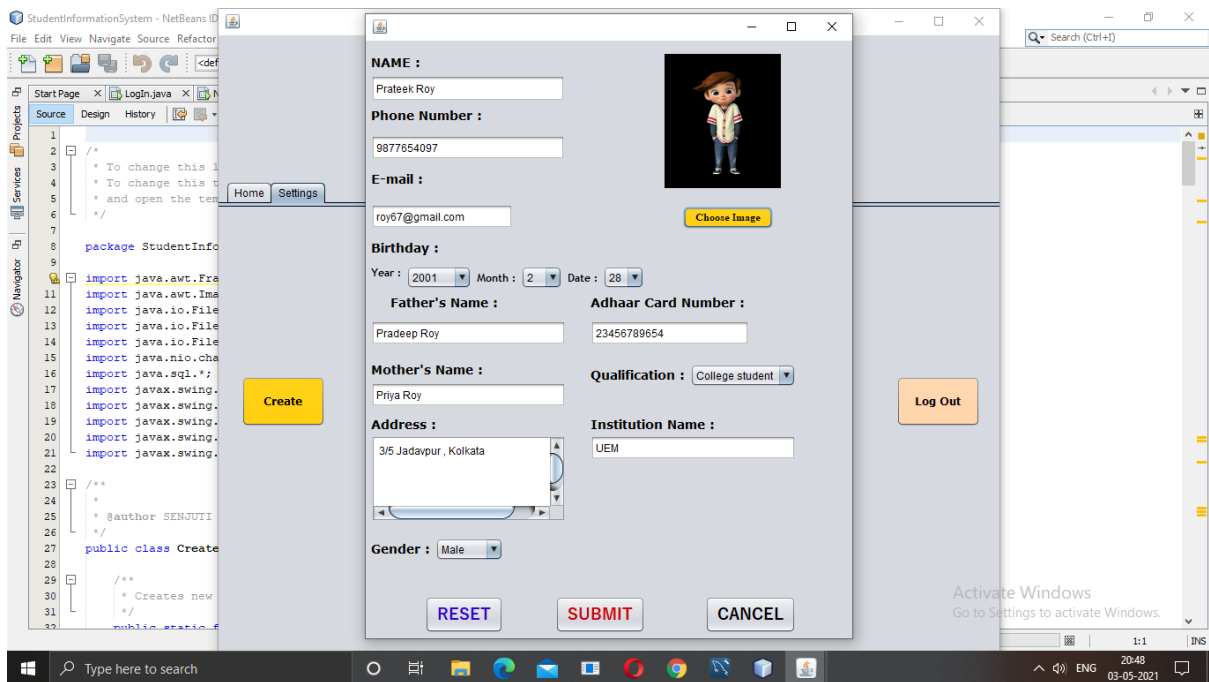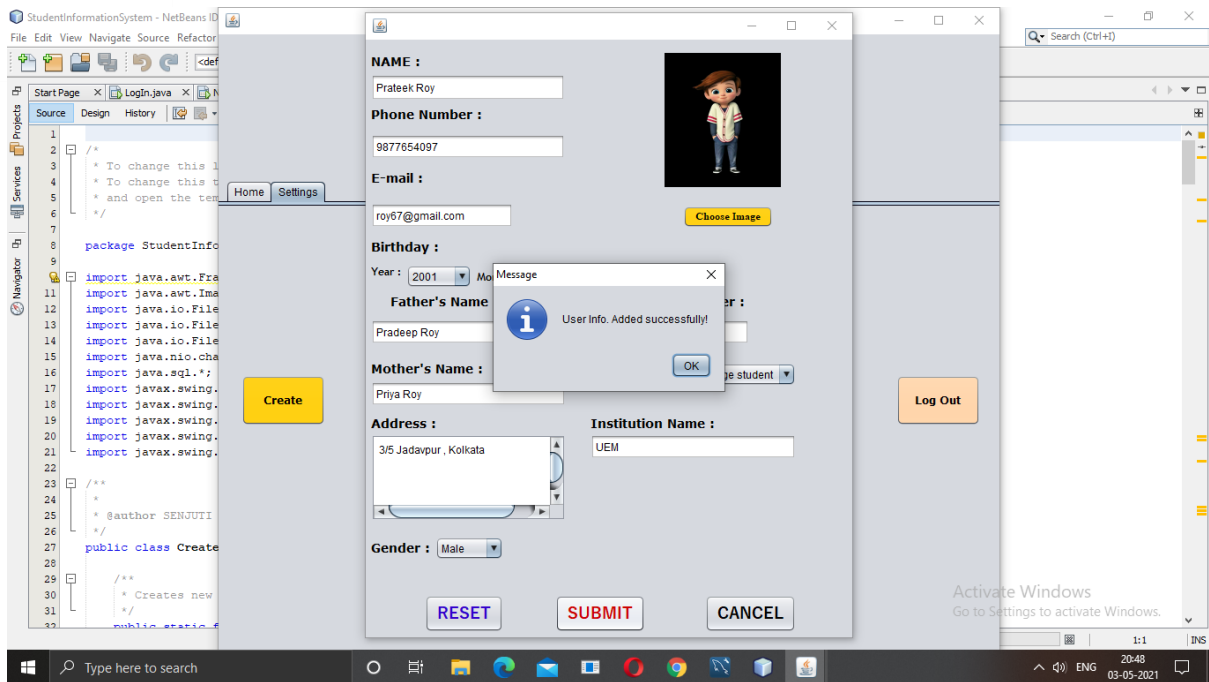
Displaying the created new user information on the main display section using refresh button
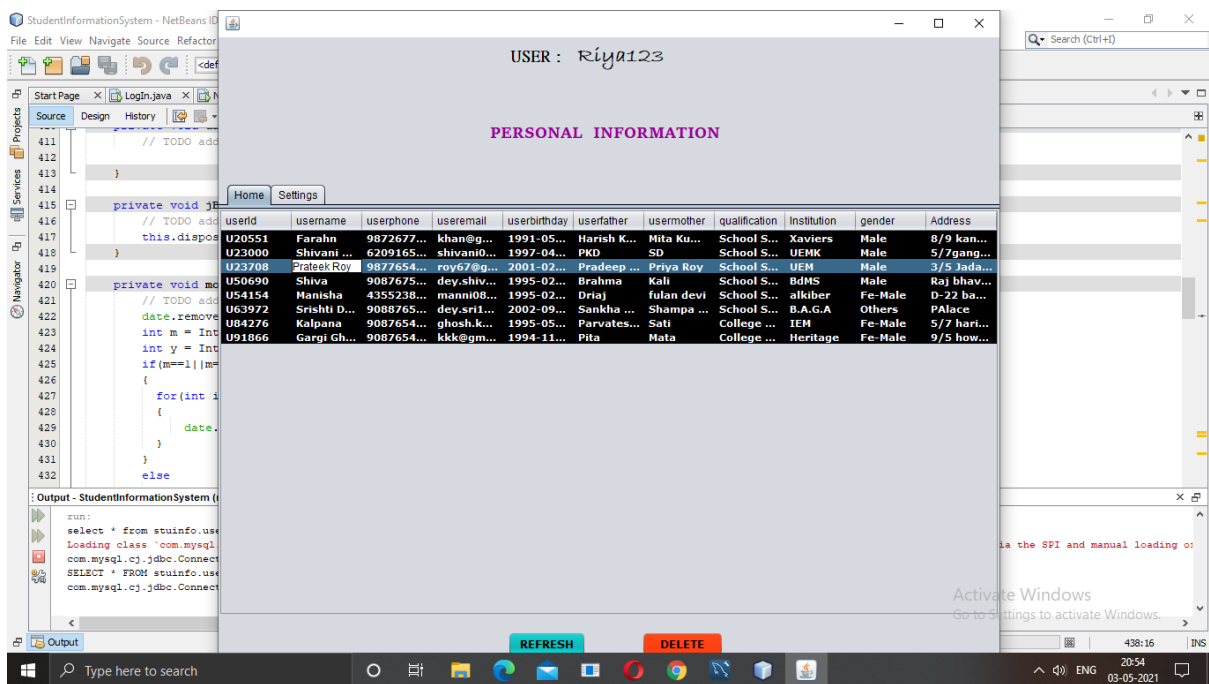
Update button creation

User table for the Database

User info table for database

CONCLUSION & FUTURE SCOPE

This Personal Information system project will serve as a useful approach to data base dialog box to update add, advanced search options for the authorized person. It serves as a helpful approach for the users. It reduces the time taken by the user to add, update, delete, view & search the information. Thus the project is the user friendly approach. The "Personal Information System" application is built on the case study of NIET ,Greater Noida after analyzing the requirements at its premises pertaining to adding student information, updating student information, deleting student information, and viewing student information. It also provides with advanced search facilities and facilities to create authorised users with passwords and also for changing their passwords at some later stage.

FUTURE PERSPECTIVE: Everything has its own scope of modification and improvement. In this project we will add more modules that support extra information & search facilities. Regarding internal organisation of the project we will improve its security features using advance technologies so that unauthorized user can't breaks the integrity and authenticity. Illegal access will be prevented and strictly prohibited. Further we will improve upon validation code. Each record and entries will be properly validated before storing in database .

BIBLIOGRAPHY

1. PHP book of Vasvani (TMH publications)
2. Beginning PHP5 byWROX
3. www.google.com
4. www.wikipedia.com
5. www.w3schools.com
6. Informatics practices by Sumita Arora.
7. Head First PHP & MySQL by Lynn Beighley and Michael Morrison (O'Reilly)