JAVA AND DBMS PROJECT

ROLL NO :231901014, 231901005, 231901044

AUDIT DETAILS:

package student.information.system;

import javax.swing.JOptionPane;

import java.awt.\*;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.Calendar;

import java.util.GregorianCalendar;

import javax.swing.\*;

import net.proteanit.sql.DbUtils;

public class Audit\_details extends javax.swing.JFrame {

Connection conn=null;

ResultSet rs=null;

PreparedStatement pst=null;

    /\*\*

     \* Creates new form Audit\_details

     \*/

    public Audit\_details() {

        initComponents();

        conn=db.java\_db();

        Toolkit toolkit = getToolkit();

        Dimension size = toolkit.getScreenSize();

        setLocation(size.width/2 - getWidth()/2,

        size.height/2 - getHeight()/2);

        Update\_table3();

    }

    private void Update\_table3() {

    try{

        String sql ="select \* from Audit";

        pst=conn.prepareStatement(sql);

        rs=pst.executeQuery();

        tbl\_3.setModel(DbUtils.resultSetToTableModel(rs));

    }

    catch(Exception e){

    JOptionPane.showMessageDialog(null, e);

    }

    finally {

            try{

                rs.close();

                pst.close();

            }

            catch(Exception 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">//GEN-BEGIN:initComponents

    private void initComponents() {

        jPanel3 = new javax.swing.JPanel();

        jScrollPane3 = new javax.swing.JScrollPane();

        tbl\_3 = new javax.swing.JTable();

        jButton1 = new javax.swing.JButton();

        jPanel4 = new javax.swing.JPanel();

        jLabel2 = new javax.swing.JLabel();

        txt\_search = new javax.swing.JTextField();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

        setResizable(false);

        jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Login\_Record", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Adobe Arabic", 1, 14))); // NOI18N

        tbl\_3.setModel(new javax.swing.table.DefaultTableModel(

            new Object [][] {

                {null, null, null, null},

                {null, null, null, null},

                {null, null, null, null},

                {null, null, null, null}

            },

            new String [] {

                "Title 1", "Title 2", "Title 3", "Title 4"

            }

        ));

        jScrollPane3.setViewportView(tbl\_3);

        jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/erase-128.png"))); // NOI18N

        jButton1.setText("Reset");

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

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

                jButton1ActionPerformed(evt);

            }

        });

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

        jPanel3.setLayout(jPanel3Layout);

        jPanel3Layout.setHorizontalGroup(

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

            .addGroup(jPanel3Layout.createSequentialGroup()

                .addContainerGap()

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

                    .addComponent(jScrollPane3, javax.swing.GroupLayout.DEFAULT\_SIZE, 557, Short.MAX\_VALUE)

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

                        .addGap(0, 0, Short.MAX\_VALUE)

                        .addComponent(jButton1)))

                .addContainerGap())

        );

        jPanel3Layout.setVerticalGroup(

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

            .addGroup(jPanel3Layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(jScrollPane3, javax.swing.GroupLayout.DEFAULT\_SIZE, 327, Short.MAX\_VALUE)

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

                .addComponent(jButton1)

                .addGap(6, 6, 6))

        );

        jPanel4.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Search", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Adobe Arabic", 1, 14))); // NOI18N

        jLabel2.setText("ID:");

        txt\_search.addKeyListener(new java.awt.event.KeyAdapter() {

            public void keyReleased(java.awt.event.KeyEvent evt) {

                txt\_searchKeyReleased(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()

                .addContainerGap()

                .addComponent(jLabel2)

                .addGap(18, 18, 18)

                .addComponent(txt\_search)

                .addContainerGap())

        );

        jPanel4Layout.setVerticalGroup(

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

            .addGroup(jPanel4Layout.createSequentialGroup()

                .addContainerGap()

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

                    .addComponent(txt\_search, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel2))

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

        );

        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(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(0, 0, Short.MAX\_VALUE))

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                .addContainerGap())

        );

        layout.setVerticalGroup(

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

            .addGroup(layout.createSequentialGroup()

                .addGap(20, 20, 20)

                .addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(26, 26, 26)

                .addComponent(jPanel3, 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>//GEN-END:initComponents

    private void txt\_searchKeyReleased(java.awt.event.KeyEvent evt) {//GEN-FIRST:event\_txt\_searchKeyReleased

        // TODO add your handling code here:

         try{

            String sql ="select \* from Audit where emp\_id=? ";

            pst=conn.prepareStatement(sql);

            pst.setString(1,txt\_search.getText());

            rs=pst.executeQuery();

            tbl\_3.setModel(DbUtils.resultSetToTableModel(rs));

        }catch(Exception e){

            JOptionPane.showMessageDialog(null, e);

        }

        finally {

            try{

                rs.close();

                pst.close();

            }

            catch(Exception e){

            }

         }

    }//GEN-LAST:event\_txt\_searchKeyReleased

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

        // TODO add your handling code here:

        Update\_table3();

        txt\_search.setText("");

    }//GEN-LAST:event\_jButton1ActionPerformed

    /\*\*

     \* @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(Audit\_details.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

        }

        //</editor-fold>

        //</editor-fold>

        //</editor-fold>

        //</editor-fold>

        /\* Create and display the form \*/

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

            public void run() {

                new Audit\_details().setVisible(true);

            }

        });

    }

    // Variables declaration - do not modify//GEN-BEGIN:variables

    private javax.swing.JButton jButton1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JPanel jPanel3;

    private javax.swing.JPanel jPanel4;

    private javax.swing.JScrollPane jScrollPane3;

    private javax.swing.JTable tbl\_3;

    private javax.swing.JTextField txt\_search;

    // End of variables declaration//GEN-END:variables

}

DB JAVA:

package student.information.system;

import java.sql.\*;

import javax.swing.\*;

public class db {

    Connection conn=null;

    public static Connection java\_db(){

        try{

            Class.forName("org.sqlite.JDBC");

            Connection conn =DriverManager.getConnection("jdbc:sqlite:studentInfo.sqlite");

            //JOptionPane.showMessageDialog(null, "Connection to database is successful");

            return conn;

        }catch (Exception e){

            JOptionPane.showMessageDialog(null, e);

            return null;

        }

    }

}

LOGIN JAVA:

package student.information.system;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.GregorianCalendar;

import javax.swing.JOptionPane;

import com.sun.glass.events.KeyEvent;

import java.awt.\*;

import java.io.File;

import java.io.FileNotFoundException;

import java.io.FileWriter;

import java.io.IOException;

import java.io.Writer;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import javax.swing.\*;

import java.util.Calendar;

import java.util.Date;

import java.util.GregorianCalendar;

import java.util.LinkedList;

import java.util.Scanner;

import java.util.logging.Level;

import java.util.logging.Logger;

public class Login extends javax.swing.JFrame {

public static Writer newWriter,SortWriter;

    Connection conn=null;

ResultSet rs=null;

PreparedStatement pst=null;

    public Login() {

        initComponents();

         conn=db.java\_db();

        Toolkit toolkit = getToolkit();

        Dimension size = toolkit.getScreenSize();

        setLocation(size.width/2 - getWidth()/2,

        size.height/2 - getHeight()/2);

        currentDate();

    }

 public void currentDate (){

        Calendar cal =new GregorianCalendar();

        int month = cal.get(Calendar.MONTH);

        int year = cal.get(Calendar.YEAR);

        int day = cal.get(Calendar.DAY\_OF\_MONTH);

        txt\_date.setText((month+1)+"/"+day+"/"+year);

    }

    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        jLabel2 = new javax.swing.JLabel();

        jLabel3 = new javax.swing.JLabel();

        jButton1 = new javax.swing.JButton();

        txt\_username = new javax.swing.JTextField();

        txt\_password = new javax.swing.JPasswordField();

        txt\_combo = new javax.swing.JComboBox<>();

        jLabel4 = new javax.swing.JLabel();

        jLabel1 = new javax.swing.JLabel();

        jMenuBar1 = new javax.swing.JMenuBar();

        txt\_date = new javax.swing.JMenu();

        txt\_time = new javax.swing.JMenu();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

        setResizable(false);

        jPanel1.setLayout(null);

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

        jLabel2.setForeground(new java.awt.Color(255, 255, 255));

        jLabel2.setText("Username :");

        jPanel1.add(jLabel2);

        jLabel2.setBounds(20, 280, 90, 17);

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

        jLabel3.setForeground(new java.awt.Color(255, 255, 255));

        jLabel3.setText("Password :");

        jPanel1.add(jLabel3);

        jLabel3.setBounds(20, 320, 80, 17);

        jButton1.setText("Login");

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

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

                jButton1ActionPerformed(evt);

            }

        });

        jPanel1.add(jButton1);

        jButton1.setBounds(180, 390, 70, 30);

        txt\_username.addActionListener(new java.awt.event.ActionListener() {

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

                txt\_usernameActionPerformed(evt);

            }

        });

        jPanel1.add(txt\_username);

        txt\_username.setBounds(110, 270, 160, 30);

        jPanel1.add(txt\_password);

        txt\_password.setBounds(110, 310, 160, 30);

        txt\_combo.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Admin", "Student" }));

        txt\_combo.addActionListener(new java.awt.event.ActionListener() {

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

                txt\_comboActionPerformed(evt);

            }

        });

        jPanel1.add(txt\_combo);

        txt\_combo.setBounds(110, 350, 160, 30);

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

        jLabel4.setForeground(new java.awt.Color(255, 255, 255));

        jLabel4.setText("Division :");

        jPanel1.add(jLabel4);

        jLabel4.setBounds(20, 360, 70, 17);

        jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/Presentation1.jpg"))); // NOI18N

        jPanel1.add(jLabel1);

        jLabel1.setBounds(0, 0, 660, 430);

        txt\_date.setText("Date");

        jMenuBar1.add(txt\_date);

        txt\_time.setText("Time");

        jMenuBar1.add(txt\_time);

        setJMenuBar(jMenuBar1);

        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, 661, Short.MAX\_VALUE)

        );

        layout.setVerticalGroup(

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

            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 433, Short.MAX\_VALUE)

        );

        pack();

    }// </editor-fold>//GEN-END:initComponents

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

          String access;

    access = this.txt\_combo.getSelectedItem().toString();

           String p=String.valueOf(this.txt\_password.getPassword());

           if(access.equals("Admin") && this.txt\_username.getText().equals("admin") && p.equals("admin")) {

                   JOptionPane.showMessageDialog(null,"Sucess" );

                   MainMenu j = new MainMenu();

                   j.setVisible(true);

                   this.dispose();

                    Date currentDate = GregorianCalendar.getInstance().getTime();

                  DateFormat df = DateFormat.getDateInstance();

                  String dateString = df.format(currentDate);

                  Date d = new Date();

                  SimpleDateFormat sdf = new SimpleDateFormat("HH:mm:ss");

                  String timeString = sdf.format(d);

                  String value0 = timeString;

                  String values = dateString;

                   this.dispose();

           }

           else if(access.equals("Student")){

          this.jLabel2.setText("Firstname");

          this.jLabel3.setText("12h Roll No");

               File f=new File("output.txt");

    Scanner sc = null;

        try {

            sc = new Scanner(f);

        } catch (FileNotFoundException ex) {

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

        }

while(sc.hasNextLine()){

    String data = sc.nextLine();

    System.out.println(data);

String variable[] = data.split("\\s+");

String user=variable[0];

String perc=variable[3];

      if(perc.equals(String.valueOf(this.txt\_password.getPassword())) && user.equals(String.valueOf(this.txt\_username.getText()))){

                      new StudentInformation(perc).setVisible(true);

                     this.setVisible(false);

      }

           }

    }//GEN-LAST:event\_jButton1ActionPerformed

    }

    private void txt\_usernameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_txt\_usernameActionPerformed

        // TODO add your handling code here:

    }//GEN-LAST:event\_txt\_usernameActionPerformed

    private void txt\_comboActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_txt\_comboActionPerformed

        // TODO add your handling code here:

String id1=this.txt\_combo.getSelectedItem().toString();

if(id1.equals("Student")){

          this.jLabel2.setText("Firstname");

          this.jLabel3.setText("12h Roll No");

}

    }//GEN-LAST:event\_txt\_comboActionPerformed

    /\*\*

     \* @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(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);

            }

        });

    }

    // Variables declaration - do not modify//GEN-BEGIN:variables

    private javax.swing.JButton jButton1;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JLabel jLabel4;

    private javax.swing.JMenuBar jMenuBar1;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JComboBox<String> txt\_combo;

    private javax.swing.JMenu txt\_date;

    private javax.swing.JPasswordField txt\_password;

    private javax.swing.JMenu txt\_time;

    private javax.swing.JTextField txt\_username;

    // End of variables declaration//GEN-END:variables

}

MAIN MENU:

package student.information.system;

import java.awt.Dimension;

import java.awt.Toolkit;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.GregorianCalendar;

import javax.swing.JOptionPane;

public class MainMenu extends javax.swing.JFrame {

Connection conn=null;

ResultSet rs=null;

PreparedStatement pst=null;

    public MainMenu() {

      conn=db.java\_db();

        initComponents();

        Toolkit toolkit = getToolkit();

        Dimension size = toolkit.getScreenSize();

        setLocation(size.width/2 - getWidth()/2,

        size.height/2 - getHeight()/2);

    }

    @SuppressWarnings("unchecked")

    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        jButton1 = new javax.swing.JButton();

        jButton5 = new javax.swing.JButton();

        jLabel1 = new javax.swing.JLabel();

        jMenuBar1 = new javax.swing.JMenuBar();

        jMenu1 = new javax.swing.JMenu();

        jMenuItem1 = new javax.swing.JMenuItem();

        jMenuItem2 = new javax.swing.JMenuItem();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

        setResizable(false);

        jPanel1.setLayout(null);

        jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/Add.png"))); // NOI18N

        jButton1.setText("Student Manager");

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

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

                jButton1ActionPerformed(evt);

            }

        });

        jPanel1.add(jButton1);

        jButton1.setBounds(570, 430, 190, 60);

        jButton5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/logout.png"))); // NOI18N

        jButton5.addActionListener(new java.awt.event.ActionListener() {

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

                jButton5ActionPerformed(evt);

            }

        });

        jPanel1.add(jButton5);

        jButton5.setBounds(750, 10, 40, 30);

        jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/pnbennet.png"))); // NOI18N

        jPanel1.add(jLabel1);

        jLabel1.setBounds(0, 0, 800, 530);

        jMenu1.setText("File");

        jMenuItem1.setText("Audit");

        jMenuItem1.addActionListener(new java.awt.event.ActionListener() {

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

                jMenuItem1ActionPerformed(evt);

            }

        });

        jMenu1.add(jMenuItem1);

        jMenuItem2.setText("Users");

        jMenuItem2.addActionListener(new java.awt.event.ActionListener() {

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

                jMenuItem2ActionPerformed(evt);

            }

        });

        jMenu1.add(jMenuItem2);

        jMenuBar1.add(jMenu1);

        setJMenuBar(jMenuBar1);

        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, 799, Short.MAX\_VALUE)

        );

        layout.setVerticalGroup(

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

            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 529, Short.MAX\_VALUE)

        );

        pack();

    }// </editor-fold>//GEN-END:initComponents

    private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton5ActionPerformed

        // TODO add your handling code here:

                   Login j = new Login();

                   j.setVisible(true);

                   this.dispose();

                   try{

                   Date currentDate = GregorianCalendar.getInstance().getTime();

                  DateFormat df = DateFormat.getDateInstance();

                  String dateString = df.format(currentDate);

                  Date d = new Date();

                  SimpleDateFormat sdf = new SimpleDateFormat("HH:mm:ss");

                  String timeString = sdf.format(d);

                  String value0 = timeString;

                  String values = dateString;

                   int value = Emp.empId;

                   String reg = "insert into Audit (emp\_id,date,status) values ('"+value+"','"+value0+" / "+values+"','Logged out')";

                   pst=conn.prepareStatement(reg);

                   pst.execute();

                   this.dispose();

          }catch (Exception e){

               JOptionPane.showMessageDialog(null, e);

        }

        finally {

            try{

                rs.close();

                pst.close();

            }

            catch(Exception e){

            }

                   }

    }//GEN-LAST:event\_jButton5ActionPerformed

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

        // TODO add your handling code here:

         StudentInformation j= new StudentInformation();

                   j.setVisible(true);

    }//GEN-LAST:event\_jButton1ActionPerformed

    private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jMenuItem1ActionPerformed

        // TODO add your handling code here:

                   Audit\_details j = new Audit\_details();

                   j.setVisible(true);

    }//GEN-LAST:event\_jMenuItem1ActionPerformed

    private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jMenuItem2ActionPerformed

        // TODO add your handling code here:

                  users j = new users();

                   j.setVisible(true);

    }//GEN-LAST:event\_jMenuItem2ActionPerformed

    public static void main(String args[]) {

        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(MainMenu.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

        }

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

            public void run() {

                new MainMenu().setVisible(true);

            }

        });

    }

    // Variables declaration - do not modify//GEN-BEGIN:variables

    private javax.swing.JButton jButton1;

    private javax.swing.JButton jButton5;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JMenu jMenu1;

    private javax.swing.JMenuBar jMenuBar1;

    private javax.swing.JMenuItem jMenuItem1;

    private javax.swing.JMenuItem jMenuItem2;

    private javax.swing.JPanel jPanel1;

    // End of variables declaration//GEN-END:variables

}

STUDENT INFO:

package student.information.system;

import net.proteanit.sql.DbUtils;

import java.awt.\*;

import java.awt.image.BufferedImage;

import java.io.BufferedWriter;

import java.io.ByteArrayOutputStream;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileWriter;

import java.io.IOException;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.Calendar;

import java.util.Date;

import java.util.GregorianCalendar;

import java.util.LinkedList;

import java.util.Scanner;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.imageio.ImageIO;

import javax.swing.\*;

public class StudentInformation extends javax.swing.JFrame {

Connection conn=null;

ResultSet rs=null;

PreparedStatement pst=null;

    public StudentInformation() {

        initComponents();

        conn=db.java\_db();

        Toolkit toolkit = getToolkit();

        Dimension size = toolkit.getScreenSize();

        setLocation(size.width/2 - getWidth()/2,

        size.height/2 - getHeight()/2);

        currentDate();

        txt\_emp.setText(String.valueOf(Emp.empId).toString());

    }

    public StudentInformation(String StudsId) {

        initComponents();

        Toolkit toolkit = getToolkit();

        Dimension size = toolkit.getScreenSize();

        setLocation(size.width/2 - getWidth()/2,

        size.height/2 - getHeight()/2);

        currentDate();

        txt\_search1.setText(StudsId);

        cmd\_save.setVisible(false);

        jButton3.setVisible(false);

        cmd\_save.setEnabled(false);

        jButton3.setEnabled(false);

    }

    public void currentDate (){

        Calendar cal =new GregorianCalendar();

        int month = cal.get(Calendar.MONTH);

        int year = cal.get(Calendar.YEAR);

        int day = cal.get(Calendar.DAY\_OF\_MONTH);

        lbl\_date.setText((month+1)+"/"+day+"/"+year);

        //Time

        int second = cal.get(Calendar.SECOND);

        int minute = cal.get(Calendar.MINUTE);

        int hour = cal.get(Calendar.HOUR);

        lbl\_time.setText(hour+":"+(minute)+":"+second);

    }

    /\*\*

     \* 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">//GEN-BEGIN:initComponents

    private void initComponents() {

        jMenuBar2 = new javax.swing.JMenuBar();

        jMenu1 = new javax.swing.JMenu();

        jMenu2 = new javax.swing.JMenu();

        jDialog1 = new javax.swing.JDialog();

        jPanel3 = new javax.swing.JPanel();

        jLabel7 = new javax.swing.JLabel();

        txt\_tel = new javax.swing.JTextField();

        txt\_email = new javax.swing.JTextField();

        jLabel6 = new javax.swing.JLabel();

        jLabel11 = new javax.swing.JLabel();

        r\_male = new javax.swing.JRadioButton();

        r\_female = new javax.swing.JRadioButton();

        txt\_dob = new javax.swing.JTextField();

        jLabel3 = new javax.swing.JLabel();

        txt\_surname = new javax.swing.JTextField();

        jLabel2 = new javax.swing.JLabel();

        jLabel1 = new javax.swing.JLabel();

        txt\_firstname = new javax.swing.JTextField();

        jDesktopPane1 = new javax.swing.JDesktopPane();

        lbl\_img = new javax.swing.JLabel();

        jLabel8 = new javax.swing.JLabel();

        jLabel14 = new javax.swing.JLabel();

        jLabel15 = new javax.swing.JLabel();

        jLabel16 = new javax.swing.JLabel();

        txt\_pc = new javax.swing.JTextField();

        txt\_apt = new javax.swing.JTextField();

        txt\_add2 = new javax.swing.JTextField();

        txt\_address = new javax.swing.JTextField();

        cmd\_save = new javax.swing.JButton();

        jButton1 = new javax.swing.JButton();

        jButton3 = new javax.swing.JButton();

        jLabel5 = new javax.swing.JLabel();

        txt\_studentid = new javax.swing.JTextField();

        button2 = new java.awt.Button();

        txt\_emp = new javax.swing.JLabel();

        jLabel10 = new javax.swing.JLabel();

        jPanel5 = new javax.swing.JPanel();

        jLabel13 = new javax.swing.JLabel();

        txt\_search1 = new javax.swing.JTextField();

        jMenuBar1 = new javax.swing.JMenuBar();

        File = new javax.swing.JMenu();

        jMenuItem1 = new javax.swing.JMenuItem();

        lbl\_date = new javax.swing.JMenu();

        lbl\_time = new javax.swing.JMenu();

        jMenu1.setText("File");

        jMenuBar2.add(jMenu1);

        jMenu2.setText("Edit");

        jMenuBar2.add(jMenu2);

        javax.swing.GroupLayout jDialog1Layout = new javax.swing.GroupLayout(jDialog1.getContentPane());

        jDialog1.getContentPane().setLayout(jDialog1Layout);

        jDialog1Layout.setHorizontalGroup(

            jDialog1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGap(0, 400, Short.MAX\_VALUE)

        );

        jDialog1Layout.setVerticalGroup(

            jDialog1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGap(0, 300, Short.MAX\_VALUE)

        );

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

        setResizable(false);

        jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Student Information", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Adobe Arabic", 1, 36))); // NOI18N

        jLabel7.setText("Contact Number :");

        jLabel6.setText("Email :");

        jLabel11.setText("Gender:");

        r\_male.setText("Male");

        r\_male.addActionListener(new java.awt.event.ActionListener() {

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

                r\_maleActionPerformed(evt);

            }

        });

        r\_female.setText("Female");

        r\_female.addActionListener(new java.awt.event.ActionListener() {

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

                r\_femaleActionPerformed(evt);

            }

        });

        jLabel3.setText("Date of Birth :");

        jLabel2.setText("Surname :");

        jLabel1.setText("First name :");

        txt\_firstname.addActionListener(new java.awt.event.ActionListener() {

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

                txt\_firstnameActionPerformed(evt);

            }

        });

        jDesktopPane1.setLayer(lbl\_img, javax.swing.JLayeredPane.DEFAULT\_LAYER);

        javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);

        jDesktopPane1.setLayout(jDesktopPane1Layout);

        jDesktopPane1Layout.setHorizontalGroup(

            jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jDesktopPane1Layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(lbl\_img, javax.swing.GroupLayout.DEFAULT\_SIZE, 231, Short.MAX\_VALUE)

                .addContainerGap())

        );

        jDesktopPane1Layout.setVerticalGroup(

            jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jDesktopPane1Layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(lbl\_img, javax.swing.GroupLayout.DEFAULT\_SIZE, 145, Short.MAX\_VALUE)

                .addContainerGap())

        );

        jLabel8.setText("Address Line 1 :");

        jLabel14.setText("Address Line 2 :");

        jLabel15.setText("12th Percentage");

        jLabel16.setText("Post Code :");

        txt\_apt.addActionListener(new java.awt.event.ActionListener() {

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

                txt\_aptActionPerformed(evt);

            }

        });

        txt\_address.addActionListener(new java.awt.event.ActionListener() {

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

                txt\_addressActionPerformed(evt);

            }

        });

        cmd\_save.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/Save-icon.png"))); // NOI18N

        cmd\_save.setText("Add Record");

        cmd\_save.addActionListener(new java.awt.event.ActionListener() {

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

                cmd\_saveActionPerformed(evt);

            }

        });

        jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/erase-128.png"))); // NOI18N

        jButton1.setText("Clear");

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

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

                jButton1ActionPerformed(evt);

            }

        });

        jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/delete\_16x16.gif"))); // NOI18N

        jButton3.setText("Delete");

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

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

                jButton3ActionPerformed(evt);

            }

        });

        jLabel5.setText("Student ID :");

        button2.setLabel("Select Your Choices");

        button2.addActionListener(new java.awt.event.ActionListener() {

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

                button2ActionPerformed(evt);

            }

        });

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

        jPanel3.setLayout(jPanel3Layout);

        jPanel3Layout.setHorizontalGroup(

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

            .addGroup(jPanel3Layout.createSequentialGroup()

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

                    .addGroup(jPanel3Layout.createSequentialGroup()

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

                            .addComponent(jLabel6)

                            .addComponent(jLabel7)

                            .addComponent(jLabel11))

                        .addGap(41, 41, 41)

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

                            .addGroup(jPanel3Layout.createSequentialGroup()

                                .addComponent(r\_male)

                                .addGap(4, 4, 4)

                                .addComponent(r\_female))

                            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

                                .addComponent(txt\_tel, javax.swing.GroupLayout.Alignment.LEADING)

                                .addComponent(txt\_email, javax.swing.GroupLayout.PREFERRED\_SIZE, 168, javax.swing.GroupLayout.PREFERRED\_SIZE))))

                    .addGroup(jPanel3Layout.createSequentialGroup()

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

                            .addComponent(jLabel1)

                            .addComponent(jLabel2)

                            .addComponent(jLabel3)

                            .addComponent(jLabel5))

                        .addGap(58, 58, 58)

                        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

                            .addComponent(txt\_surname, javax.swing.GroupLayout.Alignment.LEADING)

                            .addComponent(txt\_firstname)

                            .addComponent(txt\_dob)

                            .addComponent(txt\_studentid, javax.swing.GroupLayout.DEFAULT\_SIZE, 168, Short.MAX\_VALUE)))

                    .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                        .addGroup(jPanel3Layout.createSequentialGroup()

                            .addGap(141, 141, 141)

                            .addComponent(button2, javax.swing.GroupLayout.PREFERRED\_SIZE, 168, javax.swing.GroupLayout.PREFERRED\_SIZE))

                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel3Layout.createSequentialGroup()

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

                                .addComponent(jLabel14)

                                .addComponent(jLabel15)

                                .addComponent(jLabel16)

                                .addComponent(jLabel8))

                            .addGap(48, 48, 48)

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

                                .addComponent(txt\_pc, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 168, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                                    .addComponent(txt\_apt, javax.swing.GroupLayout.PREFERRED\_SIZE, 168, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                    .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

                                        .addComponent(txt\_add2, javax.swing.GroupLayout.Alignment.LEADING)

                                        .addComponent(txt\_address, javax.swing.GroupLayout.PREFERRED\_SIZE, 168, javax.swing.GroupLayout.PREFERRED\_SIZE)))))))

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

                    .addGroup(jPanel3Layout.createSequentialGroup()

                        .addGap(57, 57, 57)

                        .addComponent(jDesktopPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

                    .addGroup(jPanel3Layout.createSequentialGroup()

                        .addGap(243, 243, 243)

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

                            .addComponent(jButton3, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 134, javax.swing.GroupLayout.PREFERRED\_SIZE)

                            .addComponent(cmd\_save, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 134, javax.swing.GroupLayout.PREFERRED\_SIZE)

                            .addComponent(jButton1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 134, javax.swing.GroupLayout.PREFERRED\_SIZE))))

                .addContainerGap(112, Short.MAX\_VALUE))

        );

        jPanel3Layout.setVerticalGroup(

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

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

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                .addComponent(jDesktopPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(18, 18, 18)

                .addComponent(cmd\_save, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(32, 32, 32)

                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(37, 37, 37)

                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(93, 93, 93))

            .addGroup(jPanel3Layout.createSequentialGroup()

                .addGap(18, 18, 18)

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                    .addComponent(jLabel5)

                    .addComponent(txt\_studentid, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel1)

                    .addComponent(txt\_firstname, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

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

                    .addComponent(jLabel2)

                    .addComponent(txt\_surname, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

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

                    .addComponent(jLabel3)

                    .addComponent(txt\_dob, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel11)

                    .addComponent(r\_male)

                    .addComponent(r\_female))

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

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(txt\_email, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel6))

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

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(txt\_tel, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel7))

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

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(txt\_address, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel8))

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

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(txt\_add2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel14))

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

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(txt\_apt, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel15))

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

                .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel16)

                    .addComponent(txt\_pc, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

                .addGap(39, 39, 39)

                .addComponent(button2, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

        );

        txt\_emp.setText("emp");

        jLabel10.setText("Logged in As :");

        jPanel5.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Search", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Adobe Arabic", 1, 14))); // NOI18N

        jLabel13.setText("Student ID :");

        txt\_search1.addContainerListener(new java.awt.event.ContainerAdapter() {

            public void componentRemoved(java.awt.event.ContainerEvent evt) {

                txt\_search1ComponentRemoved(evt);

            }

        });

        txt\_search1.addActionListener(new java.awt.event.ActionListener() {

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

                txt\_search1ActionPerformed(evt);

            }

        });

        txt\_search1.addKeyListener(new java.awt.event.KeyAdapter() {

            public void keyReleased(java.awt.event.KeyEvent evt) {

                txt\_search1KeyReleased(evt);

            }

        });

        javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);

        jPanel5.setLayout(jPanel5Layout);

        jPanel5Layout.setHorizontalGroup(

            jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel5Layout.createSequentialGroup()

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                .addComponent(jLabel13)

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

                .addComponent(txt\_search1, javax.swing.GroupLayout.PREFERRED\_SIZE, 565, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(8, 8, 8))

        );

        jPanel5Layout.setVerticalGroup(

            jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel5Layout.createSequentialGroup()

                .addContainerGap()

                .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(txt\_search1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel13))

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

        );

        File.setText("File");

        jMenuItem1.setText("Attach Image");

        jMenuItem1.addActionListener(new java.awt.event.ActionListener() {

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

                jMenuItem1ActionPerformed(evt);

            }

        });

        File.add(jMenuItem1);

        jMenuBar1.add(File);

        lbl\_date.setText("Date");

        jMenuBar1.add(lbl\_date);

        lbl\_time.setText("Time");

        jMenuBar1.add(lbl\_time);

        setJMenuBar(jMenuBar1);

        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()

                        .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                        .addGap(415, 415, 415)

                        .addComponent(jLabel10)

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

                        .addComponent(txt\_emp))

                    .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

        );

        layout.setVerticalGroup(

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

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

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

                    .addGroup(layout.createSequentialGroup()

                        .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                        .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

                    .addGroup(layout.createSequentialGroup()

                        .addGap(6, 6, 6)

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

                            .addComponent(jLabel10, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                            .addComponent(txt\_emp))))

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

                .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addContainerGap())

        );

        pack();

    }// </editor-fold>//GEN-END:initComponents

    private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jMenuItem1ActionPerformed

        // TODO add your handling code here:

        JFileChooser chooser = new JFileChooser();

        chooser.showOpenDialog(null);

        File f = chooser.getSelectedFile();

        filename =f.getAbsolutePath();

        ImageIcon imageIcon = new ImageIcon(new ImageIcon(filename).getImage().getScaledInstance(lbl\_img.getWidth(), lbl\_img.getHeight(), Image.SCALE\_DEFAULT));

        lbl\_img.setIcon(imageIcon);

      try {

            File image = new File(filename);

            FileInputStream fis = new FileInputStream (image);

            ByteArrayOutputStream bos= new ByteArrayOutputStream();

            byte[] buf = new byte[1024];

            for(int readNum; (readNum=fis.read(buf))!=-1; ){

                bos.write(buf,0,readNum);

            }

            person\_image=bos.toByteArray();

        }

        catch(Exception e){

            JOptionPane.showMessageDialog(null,e);

        }

    }//GEN-LAST:event\_jMenuItem1ActionPerformed

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

        // TODO add your handling code here:

        txt\_firstname.setText("");

        txt\_surname.setText("");

        txt\_tel.setText("");

        txt\_dob.setText("");

        txt\_email.setText("");

        txt\_address.setText("");

        txt\_studentid.setText("");

        txt\_add2.setText("");

        txt\_pc.setText("");

        txt\_apt.setText("");

        lbl\_img.setIcon(null);

        txt\_search1.setText("");

    }//GEN-LAST:event\_jButton1ActionPerformed

    private void cmd\_saveActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_cmd\_saveActionPerformed

        // TODO add your handling code here:

        int p = JOptionPane.showConfirmDialog(null, "Are you sure you want to add record?","Add Record",JOptionPane.YES\_NO\_OPTION);

        if(p==0){

            String value110 = txt\_firstname.getText();

            String value2 = txt\_surname.getText();

            String value3 = txt\_dob.getText();

            String value4 = txt\_studentid.getText();

            String value5 = txt\_email.getText();

            String value6 = txt\_tel.getText();

            String value7 = txt\_address.getText();

            String value9 = txt\_add2.getText();

            String value10 = txt\_apt.getText();

            String value11 = txt\_pc.getText();

            try {

                StudentData stud= new StudentData(value110,value2,value3,value4,value5,value6,value7,value9,value10,value11);

            } catch (IOException ex) {

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

            } catch (InterruptedException ex) {

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

            }

                JOptionPane.showMessageDialog(null,"Data is saved successfully");

            Date currentDate = GregorianCalendar.getInstance().getTime();

            DateFormat df = DateFormat.getDateInstance();

            String dateString = df.format(currentDate);

            Date d = new Date();

            SimpleDateFormat sdf = new SimpleDateFormat("HH:mm:ss");

            String timeString = sdf.format(d);

            String value0 = timeString;

            String value1 = dateString;

            String val = txt\_emp.getText().toString();

        }

    }//GEN-LAST:event\_cmd\_saveActionPerformed

    private void txt\_aptActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_txt\_aptActionPerformed

        // TODO add your handling code here:

    }//GEN-LAST:event\_txt\_aptActionPerformed

    private void txt\_firstnameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_txt\_firstnameActionPerformed

        // TODO add your handling code here:

    }//GEN-LAST:event\_txt\_firstnameActionPerformed

    private void r\_femaleActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_r\_femaleActionPerformed

        // TODO add your handling code here:

        gender ="Female";

        r\_female.setSelected(true);

        r\_male.setSelected(false);

    }//GEN-LAST:event\_r\_femaleActionPerformed

    private void r\_maleActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_r\_maleActionPerformed

        // TODO add your handling code here:

        gender ="Male";

        r\_male.setSelected(true);

        r\_female.setSelected(false);

    }//GEN-LAST:event\_r\_maleActionPerformed

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton3ActionPerformed

        // TODO add your handling code here:

         int p = JOptionPane.showConfirmDialog(null, "Are you sure you want to delete record?","Delete",JOptionPane.YES\_NO\_OPTION);

        if(p==0){

            Date currentDate = GregorianCalendar.getInstance().getTime();

            DateFormat df = DateFormat.getDateInstance();

            String dateString = df.format(currentDate);

            Date d = new Date();

            SimpleDateFormat sdf = new SimpleDateFormat("HH:mm:ss");

            String timeString = sdf.format(d);

            String value0 = timeString;

            String value1 = dateString;

            String val = txt\_emp.getText().toString();

            try{

String notobedel= String.valueOf(txt\_studentid.getText());

File f1 = new File("output.txt");

BufferedWriter writer;

                writer = new BufferedWriter(new FileWriter(f1));

Scanner sc =new Scanner (f1);

while(sc.hasNextLine()){String data = sc.nextLine();

String variable[] = data.split("\\s+");

String da=data.trim();

String studid=variable[3];

if(studid.equals(notobedel)){

continue;

}

writer.write(data+System.lineSeparator());

writer.close();

sc.close();

}

                JOptionPane.showMessageDialog(null,"Record Deleted");

            }catch(Exception e){

                JOptionPane.showMessageDialog(null, e);

            }finally {

                try{

                    rs.close();

                    pst.close();

                }

                catch(Exception e){

                }

            }

        }

    }//GEN-LAST:event\_jButton3ActionPerformed

    private void txt\_search1ComponentRemoved(java.awt.event.ContainerEvent evt) {//GEN-FIRST:event\_txt\_search1ComponentRemoved

        // TODO add your handling code here:

    }//GEN-LAST:event\_txt\_search1ComponentRemoved

    private void txt\_search1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_txt\_search1ActionPerformed

            File f = new File("output.txt");

    Scanner sc = null;

        try {

            sc = new Scanner(f);

        } catch (FileNotFoundException ex) {

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

        }

while(sc.hasNextLine()){

    String data = sc.nextLine();

String variable[] = data.split("\\s+");

String p=variable[3];

      if(p.equals(String.valueOf(this.txt\_search1.getText()))){//linear Search

          this.txt\_studentid.setText(variable[3]);

      this.txt\_firstname.setText(variable[0]);

      this.txt\_surname.setText(variable[1]);

     // this.jcmbDepartment.setText(variable[4]);

      this.txt\_dob.setText(variable[2]);

      this.txt\_email.setText(variable[4]);

      this.txt\_tel.setText(variable[5]);

      this.txt\_address.setText(variable[6]);

      this.txt\_add2.setText(variable[7]);

      this.txt\_apt.setText(variable[8]);

      this.txt\_pc.setText(variable[9]);

      }

}

    }//GEN-LAST:event\_txt\_search1ActionPerformed

    private void txt\_search1KeyReleased(java.awt.event.KeyEvent evt) {//GEN-FIRST:event\_txt\_search1KeyReleased

        // TODO add your handling code here:

        try{

            String sql ="select \* from Student\_Information where id=? ";

            pst=conn.prepareStatement(sql);

            pst.setString(1,txt\_search1.getText());

            rs=pst.executeQuery();

            String add1 =rs.getString("id");

            txt\_studentid.setText(add1);

            String add2 =rs.getString("first\_name");

            txt\_firstname.setText(add2);

            String add3 =rs.getString("surname");

            txt\_surname.setText(add3);

            String add4 =rs.getString("Dob");

            txt\_dob.setText(add4);

            String add5 =rs.getString("Email");

            txt\_email.setText(add5);

            String add6 =rs.getString("Telephone");

            txt\_tel.setText(add6);

            String add7 =rs.getString("Address");

            txt\_address.setText(add7);

            String add8 =rs.getString("Address2");

            txt\_add2.setText(add8);

            String add9 =rs.getString("Apartment");

            txt\_apt.setText(add9);

            String add10 =rs.getString("Post\_code");

            txt\_pc.setText(add10);

            byte[] img = rs.getBytes("Image");

            ImageIcon imageIcon = new ImageIcon(new ImageIcon(img).getImage().getScaledInstance(lbl\_img.getWidth(), lbl\_img.getHeight(), Image.SCALE\_SMOOTH));

            lbl\_img.setIcon(imageIcon);

        }catch(Exception e){

        }

        finally {

            try{

                rs.close();

                pst.close();

            }

            catch(Exception e){

            }

        }

    }//GEN-LAST:event\_txt\_search1KeyReleased

    private void button2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_button2ActionPerformed

  new Choice(String.valueOf(this.txt\_studentid.getText())).setVisible(true);        // TODO add your handling code here:

    }//GEN-LAST:event\_button2ActionPerformed

    private void txt\_addressActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_txt\_addressActionPerformed

        // TODO add your handling code here:

    }//GEN-LAST:event\_txt\_addressActionPerformed

    public static void main(String args[]) {

        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(StudentInformation.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

        }

        //</editor-fold>

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        /\* Create and display the form \*/

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

            public void run() {

                new StudentInformation().setVisible(true);

            }

        });

    }

    // Variables declaration - do not modify//GEN-BEGIN:variables

    private javax.swing.JMenu File;

    private java.awt.Button button2;

    private javax.swing.JButton cmd\_save;

    private javax.swing.JButton jButton1;

    private javax.swing.JButton jButton3;

    private javax.swing.JDesktopPane jDesktopPane1;

    private javax.swing.JDialog jDialog1;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel10;

    private javax.swing.JLabel jLabel11;

    private javax.swing.JLabel jLabel13;

    private javax.swing.JLabel jLabel14;

    private javax.swing.JLabel jLabel15;

    private javax.swing.JLabel jLabel16;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JLabel jLabel5;

    private javax.swing.JLabel jLabel6;

    private javax.swing.JLabel jLabel7;

    private javax.swing.JLabel jLabel8;

    private javax.swing.JMenu jMenu1;

    private javax.swing.JMenu jMenu2;

    private javax.swing.JMenuBar jMenuBar1;

    private javax.swing.JMenuBar jMenuBar2;

    private javax.swing.JMenuItem jMenuItem1;

    private javax.swing.JPanel jPanel3;

    private javax.swing.JPanel jPanel5;

    private javax.swing.JMenu lbl\_date;

    private javax.swing.JLabel lbl\_img;

    private javax.swing.JMenu lbl\_time;

    private javax.swing.JRadioButton r\_female;

    private javax.swing.JRadioButton r\_male;

    private javax.swing.JTextField txt\_add2;

    private javax.swing.JTextField txt\_address;

    private javax.swing.JTextField txt\_apt;

    private javax.swing.JTextField txt\_dob;

    private javax.swing.JTextField txt\_email;

    private javax.swing.JLabel txt\_emp;

    private javax.swing.JTextField txt\_firstname;

    private javax.swing.JTextField txt\_pc;

    private javax.swing.JTextField txt\_search1;

    private javax.swing.JTextField txt\_studentid;

    private javax.swing.JTextField txt\_surname;

    private javax.swing.JTextField txt\_tel;

    // End of variables declaration//GEN-END:variables

    private ImageIcon format =null;

    //strin filename

    String filename = null;

    byte[] person\_image = null;

    private String gender;

}

package student.information.system;

import java.awt.\*;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.\*;

public class users extends javax.swing.JFrame {

Connection conn=null;

ResultSet rs=null;

PreparedStatement pst=null;

    public users() {

        initComponents();

        conn=db.java\_db();

        Toolkit toolkit = getToolkit();

        Dimension size = toolkit.getScreenSize();

        setLocation(size.width/2 - getWidth()/2,

        size.height/2 - getHeight()/2);

        Fillcombobox();

    }

private void Fillcombobox(){

        try {

            String sql ="select \* from Users";

            pst=conn.prepareStatement(sql);

            rs=pst.executeQuery();

            while(rs.next()) {

                String name =rs.getString("username");

                txt\_combo.addItem(name);

            }

        }catch (Exception e){

            JOptionPane.showMessageDialog(null, e);

        } finally {

            try{

                rs.close();

                pst.close();

            }catch (Exception e){

        }

        }

    }

    @SuppressWarnings("unchecked")

    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

    private void initComponents() {

        jPanel2 = new javax.swing.JPanel();

        cmd\_add = new javax.swing.JButton();

        jPanel1 = new javax.swing.JPanel();

        jLabel1 = new javax.swing.JLabel();

        txt\_password = new javax.swing.JTextField();

        txt\_combo = new javax.swing.JComboBox();

        jLabel3 = new javax.swing.JLabel();

        txt\_username = new javax.swing.JTextField();

        jLabel2 = new javax.swing.JLabel();

        jLabel4 = new javax.swing.JLabel();

        txt\_id = new javax.swing.JTextField();

        jLabel5 = new javax.swing.JLabel();

        txt\_dep = new javax.swing.JTextField();

        cmd\_delete = new javax.swing.JButton();

        cmd\_update = new javax.swing.JButton();

        jButton1 = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

        cmd\_add.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/Save-icon.png"))); // NOI18N

        cmd\_add.setText("Add ");

        cmd\_add.addActionListener(new java.awt.event.ActionListener() {

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

                cmd\_addActionPerformed(evt);

            }

        });

        jPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Login\_Information", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Adobe Arabic", 1, 18))); // NOI18N

        jLabel1.setText("Select Users");

        txt\_combo.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {

            public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {

            }

            public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {

                txt\_comboPopupMenuWillBecomeInvisible(evt);

            }

            public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {

            }

        });

        jLabel3.setText("Password");

        jLabel2.setText("Username");

        jLabel4.setText("Id");

        txt\_id.setEditable(false);

        jLabel5.setText("Division");

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

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

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

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addContainerGap()

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

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

                        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

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

                                .addComponent(jLabel2, javax.swing.GroupLayout.Alignment.LEADING)

                                .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.LEADING))

                            .addGap(29, 29, 29))

                        .addGroup(jPanel1Layout.createSequentialGroup()

                            .addComponent(jLabel5)

                            .addGap(20, 20, 20)))

                    .addGroup(jPanel1Layout.createSequentialGroup()

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

                            .addComponent(jLabel4)

                            .addComponent(jLabel1))

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

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

                    .addComponent(txt\_dep)

                    .addComponent(txt\_password, javax.swing.GroupLayout.Alignment.LEADING)

                    .addComponent(txt\_username, javax.swing.GroupLayout.Alignment.LEADING)

                    .addComponent(txt\_combo, javax.swing.GroupLayout.Alignment.LEADING, 0, 160, Short.MAX\_VALUE)

                    .addComponent(txt\_id, javax.swing.GroupLayout.Alignment.LEADING))

                .addContainerGap(42, Short.MAX\_VALUE))

        );

        jPanel1Layout.setVerticalGroup(

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

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addContainerGap(25, Short.MAX\_VALUE)

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

                    .addComponent(txt\_combo, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel1))

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

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

                    .addComponent(txt\_id, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel4))

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

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

                    .addComponent(jLabel5)

                    .addComponent(txt\_dep, 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(txt\_username, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel2))

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

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

                    .addComponent(txt\_password, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel3))

                .addContainerGap())

        );

        cmd\_delete.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/delete\_16x16.gif"))); // NOI18N

        cmd\_delete.setText("Delete");

        cmd\_delete.addActionListener(new java.awt.event.ActionListener() {

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

                cmd\_deleteActionPerformed(evt);

            }

        });

        cmd\_update.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/update icon.png"))); // NOI18N

        cmd\_update.setText("Update");

        cmd\_update.addActionListener(new java.awt.event.ActionListener() {

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

                cmd\_updateActionPerformed(evt);

            }

        });

        jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/student/information/system/images/erase-128.png"))); // NOI18N

        jButton1.setText("Clear");

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

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

                jButton1ActionPerformed(evt);

            }

        });

        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(18, 18, 18)

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

                    .addComponent(cmd\_add, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                    .addComponent(cmd\_delete, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                    .addComponent(cmd\_update, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                    .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

                .addContainerGap(40, Short.MAX\_VALUE))

        );

        jPanel2Layout.setVerticalGroup(

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

            .addGroup(jPanel2Layout.createSequentialGroup()

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

                    .addGroup(jPanel2Layout.createSequentialGroup()

                        .addGap(48, 48, 48)

                        .addComponent(cmd\_add)

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

                        .addComponent(cmd\_update)

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

                        .addComponent(cmd\_delete)

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

                        .addComponent(jButton1))

                    .addGroup(jPanel2Layout.createSequentialGroup()

                        .addGap(28, 28, 28)

                        .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))

        );

        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()

                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addContainerGap(11, Short.MAX\_VALUE))

        );

        layout.setVerticalGroup(

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

            .addGroup(layout.createSequentialGroup()

                .addGap(27, 27, 27)

                .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))

        );

        pack();

    }// </editor-fold>//GEN-END:initComponents

    private void cmd\_deleteActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_cmd\_deleteActionPerformed

        // TODO add your handling code here:

         int p = JOptionPane.showConfirmDialog(null, "Are you sure you want to delete record?","Delete",JOptionPane.YES\_NO\_OPTION);

        if(p==0){

         String sql ="delete from Users where username=? ";

        try{

            pst=conn.prepareStatement(sql);

            pst.setString(1, txt\_username.getText());

            pst.execute();

            JOptionPane.showMessageDialog(null,"Record Deleted");

        }catch(Exception e){

            JOptionPane.showMessageDialog(null, e);

        }finally {

            try{

                rs.close();

                pst.close();

            }

            catch(Exception e){

            }

        }

        }

       Fillcombobox();

    }//GEN-LAST:event\_cmd\_deleteActionPerformed

    private void txt\_comboPopupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {//GEN-FIRST:event\_txt\_comboPopupMenuWillBecomeInvisible

         String tmp =(String) txt\_combo.getSelectedItem();

         String sql="select \* from Users where username=?";

        try{

            pst=conn.prepareStatement(sql);

            pst.setString(1, tmp);

            rs=pst.executeQuery();

            if(rs.next()){

                String add1 =rs.getString("username");

                txt\_username.setText(add1);

                String add2 =rs.getString("password");

                txt\_password.setText(add2);

                String add3 =rs.getString("id");

                txt\_id.setText(add3);

                String add4 =rs.getString("division");

                txt\_dep.setText(add4);

            }

        }catch (Exception e){

            JOptionPane.showMessageDialog(null, e);

        }

        finally {

            try{

                rs.close();

                pst.close();

            }

            catch(Exception e){

            }

        }// TODO add your handling code here:

    }//GEN-LAST:event\_txt\_comboPopupMenuWillBecomeInvisible

    private void cmd\_updateActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_cmd\_updateActionPerformed

        // TODO add your handling code here:

        int p = JOptionPane.showConfirmDialog(null, "Are you sure you want to update record?","Update Record",JOptionPane.YES\_NO\_OPTION);

        if(p==0){

         try{

            String value1 = txt\_id.getText();

            String value2 = txt\_username.getText();

            String value3 = txt\_password.getText();

            String value4 = txt\_dep.getText();

            String sql= "update Users set id='"+value1+"', username='"+value2+"', password='"+value3+"',division='"+value4+"' where id='"+value1+"' ";

            pst=conn.prepareStatement(sql);

            pst.execute();

            JOptionPane.showMessageDialog(null, "Record Updated");

        }catch(Exception e){

       JOptionPane.showMessageDialog(null, e);

        }

        finally {

            try{

                rs.close();

                pst.close();

            }

            catch(Exception e){

            }

        }

        }

        Fillcombobox();

    }//GEN-LAST:event\_cmd\_updateActionPerformed

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

        // TODO add your handling code here:

        txt\_username.setText("");

        txt\_password.setText("");

        txt\_dep.setText("");

        txt\_id.setText("");

    }//GEN-LAST:event\_jButton1ActionPerformed

    private void cmd\_addActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_cmd\_addActionPerformed

   int p = JOptionPane.showConfirmDialog(null, "Are you sure you want to add record?","Add Record",JOptionPane.YES\_NO\_OPTION);

        if(p==0){        // TODO add your handling code here:

        try {

            String sql ="insert into Users (username,password,division) values (?,?,?) ";

            pst=conn.prepareStatement(sql);

            pst.setString(1,txt\_username.getText());

            pst.setString(2,txt\_password.getText());

            pst.setString(3,txt\_dep.getText());

            pst.execute();

            JOptionPane.showMessageDialog(null,"Data is saved successfully");

        }

        catch (Exception e)

        {

            JOptionPane.showMessageDialog(null,e);

        }

        finally {

            try{

                rs.close();

                pst.close();

            }

            catch(Exception e){

            }

        }

        }

        Fillcombobox();

    }//GEN-LAST:event\_cmd\_addActionPerformed

    /\*\*

     \* @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(users.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

        }

        //</editor-fold>

        //</editor-fold>

        //</editor-fold>

        //</editor-fold>

        /\* Create and display the form \*/

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

            public void run() {

                new users().setVisible(true);

            }

        });

    }

    // Variables declaration - do not modify//GEN-BEGIN:variables

    private javax.swing.JButton cmd\_add;

    private javax.swing.JButton cmd\_delete;

    private javax.swing.JButton cmd\_update;

    private javax.swing.JButton jButton1;

    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.JPanel jPanel1;

    private javax.swing.JPanel jPanel2;

    private javax.swing.JComboBox txt\_combo;

    private javax.swing.JTextField txt\_dep;

    private javax.swing.JTextField txt\_id;

    private javax.swing.JTextField txt\_password;

    private javax.swing.JTextField txt\_username;

    // End of variables declaration//GEN-END:variables

}