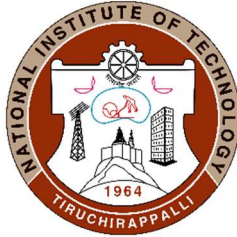


**NATIONAL INSTITUTE OF TECHNOLOGY,
TIRUCHIRAPPALLI-15**



Department of Computer Applications

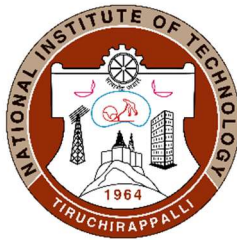
ONLINE STUDENT REGISTRATION PORTAL

PROJECT WORK

Submitted By

KM Ankita Gupta – 205119045

**NATIONAL INSTITUTE OF TECHNOLOGY,
TIRUCHIRAPPALLI – 15**



CERTIFICATE

*This is to certify that, **KM Ankita Gupta** student of 2nd semester MCA (batch 2019-2022) of National Institute of Technology, Tiruchirappalli has successfully completed the project **Online Student Registration System** in DBMS under the guidance of **Dr. U Vignesh**.*

AIM

To create a system through which administrator can register the students into their institute.

Problem Statement

The system is built to be used by administrator and managed by administrator. Admin can login to the system before any processing can be done. Admin can register any student to the course, can update the details of students and also can delete any record.

Student can login to the student panel and check if he/she is registered or not and also can check records.

If needed one admin can make another person admin and see records of admin.

Software requirement specification

Introduction

Student Registration Portal is an interface for admin responsible for admission of students in the institute. It aims at improving the efficiency in the registration of student and reduce the complexity involved in it to the maximum possible extent.

Purpose

If the entire process of registration of student is done in manual manner then it would take lot time to register the student and maintain data of all student in proper format. Since the number of applicants for course is increasing every year, an Automated system becomes essential to meet the demand. So this system uses several programming and database techniques to elucidate the work involved in this process.

Scope

The System provides an online interface to the student where they can register to the course by themselves.

An payment gateway to pay the fees online.

Provide a communication platform between Student and the Registrar.

Technologies to be used

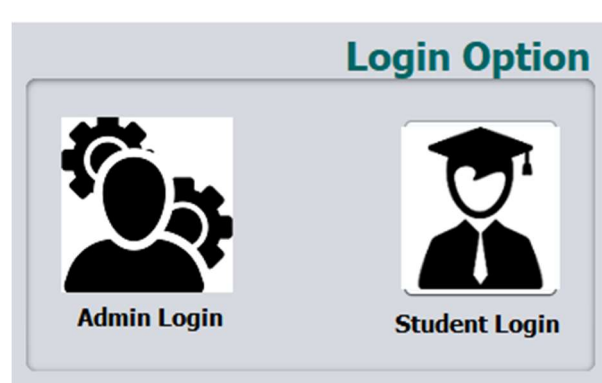
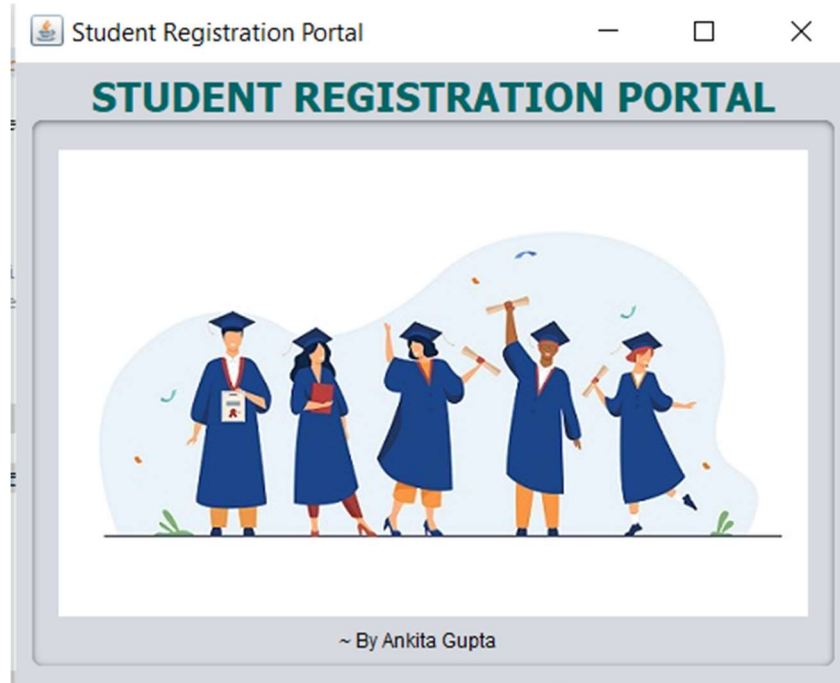
JAVA Swing
Mysql

Tools to be Used

Netbeans IDE 8.2

Wampp Server

SCREENSHOTS



Student Login

Email Id

Password

Student Registration P...

Admin Login

Email


Password

Student Registration Portal


Home About

Student Registration Portal


Student



Add Student




Update Student Details




Show Students


Admin



Add Admin



Edit Admin Details



Show Admins

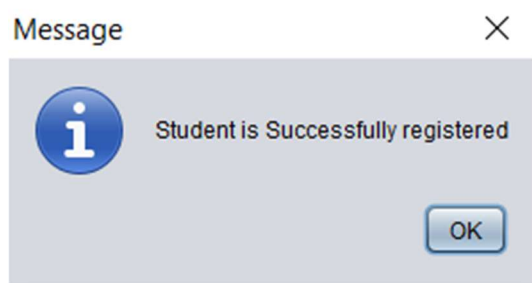
Student Registration Portal

Home About

Add Student

Name	Aniket Gupta
Father's Name	Vishnu Gupta
Course	B.Tech
Address	anpur Uttar Pradesh
Phone	9169000000
Email	ganiket@gmail.com
Blood	<div>B+</div> <div>A+</div> <div>A-</div> <div>AB+</div> <div>AB-</div> <div>B+</div>

← Submit



Students

Id	stdname	stdFatherName	stdBlood	stdPhone	stdAddress	stdCourse	stdEmail
1	Ankita Gupta	Vishnu Gupta	B+	8953473808	Allahabad Uttar Pradesh	MCA	ak566g@gmail.com
2	Asfia Khan	Imran Khan	B+	7090512344	Lucknow Uttar Pradesh	B.Tech	asfiakhan@gmail.com
3	Priya Pal	Deepak Pal	AB+	1234567890	Allahabad Uttar Pradesh	M.Sc	priya@gmail.com
4	Aniket Gupta	Vishnu Gupta	B+	9169000000	Kanpur Uttar Pradesh	B.Tech	ganiket@gmail.com

[← Back](#)

Search

Student Id

4

[Search](#)

Name

Aniket Gupta

Father's Name

Vishnu Gupta

Course

B.Tech

Address

anpur Uttar Pradesh

Phone

9169000000

Email

ganiket@gmail.com

[Search](#)

Blood

B+

[Update](#)[Delete](#)[← Back](#)

Student Registration Portal

Home About

Add Admin

Name

Rupesh

Email Id

rupesh@gmail.com

Password

Submit

Back

Message

i

Admin added successfully

OK

Student Registration Portal

Home About

Search / Update

Id

4

Search

Name

Ankita

Email Id

iki01.g@gmail.com

Password

Update

Delete

Back

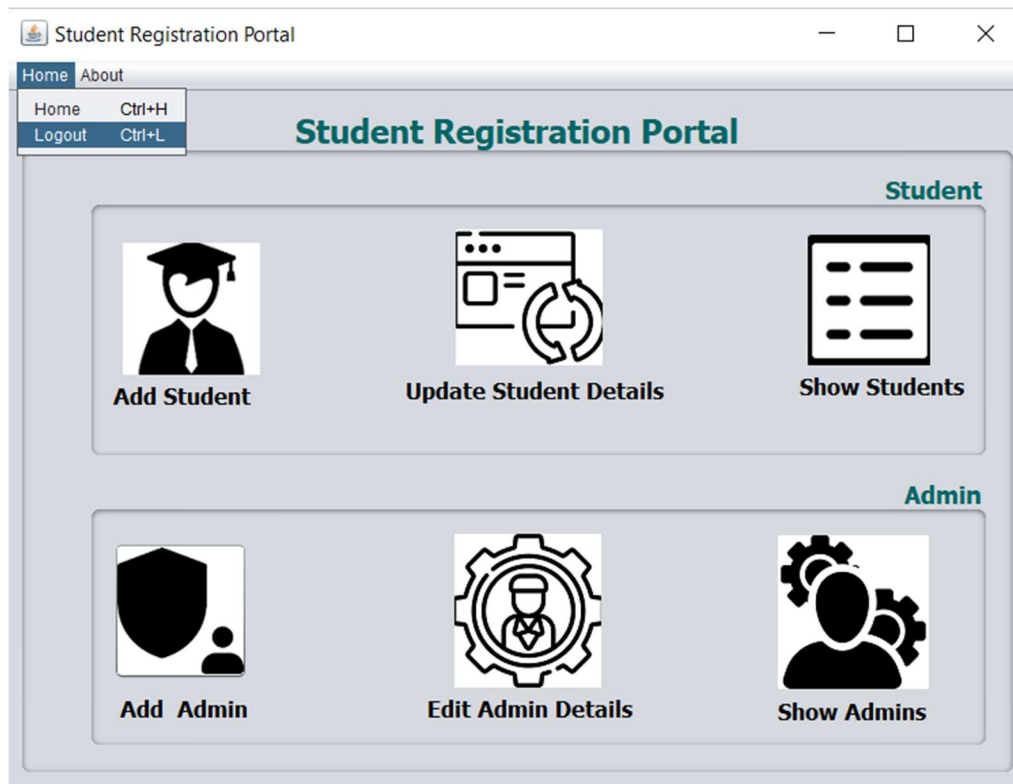
Student Registration Portal

Home About

Admins

id	mail	password	name
6	rupesh@gmail.c...	1234	Rupesh
4	anki01.q@gmail...	123	Ankita
5	pooja@gmail.com	1234	pooja

Back





TABLES

Containing the word:

Table	Rows	Type	Collation	Size	Overhead
admin	3	InnoDB	utf8mb4_0900_ai_ci	3.2 KiB	-
student	4	InnoDB	utf8mb4_0900_ai_ci	3.4 KiB	-
studentlogin	0	InnoDB	utf8mb4_0900_ai_ci	1.0 KiB	-
3 tables	7	MyISAM	utf8mb4_0900_ai_ci	7.5 KiB	0 B


ADMIN TABLE

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(10)			No	None		AUTO_INCREMENT
2	mail 	varchar(50)	utf8mb4_0900_ai_ci		No	None		
3	password	varchar(50)	utf8mb4_0900_ai_ci		No	None		
4	name	varchar(50)	utf8mb4_0900_ai_ci		No	None		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	3	A	No	
mail	BTREE	Yes	No	mail	3	A	No	

Partitions

 No partitioning defined!

Information

Space usage		
Data	160	B
Index	3.0	KiB
Overhead		
Effective	3.2	KiB
Total	3.2	KiB

Row statistics	
Format	dynamic
Collation	utf8mb4_0900_ai_ci
Next autoindex	7
Creation	Jul 13, 2020 at 04:07 PM
Last update	Jul 12, 2020 at 10:13 PM
Last check	Jul 13, 2020 at 10:48 AM

STUDENT TABLE

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)		UNSIGNED	No	None		AUTO_INCREMENT
2	stdname	varchar(50)	utf8mb4_0900_ai_ci		No	None		
3	stdFatherName	varchar(50)	utf8mb4_0900_ai_ci		No	None		
4	stdBlood	varchar(50)	utf8mb4_0900_ai_ci		No	None		
5	stdPhone	varchar(50)	utf8mb4_0900_ai_ci		No	None		
6	stdAddress	varchar(50)	utf8mb4_0900_ai_ci		No	None		
7	stdCourse	varchar(50)	utf8mb4_0900_ai_ci		No	None		
8	stdEmail	varchar(50)	utf8mb4_0900_ai_ci		No	None		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	4	A	No	
stdEmail	BTREE	Yes	No	stdEmail	4	A	No	


Partitions

No partitioning defined!

Information

Space usage			Row statistics	
Data	392	B	Format	dynamic
Index	3.0	KiB	Collation	utf8mb4_0900_ai_ci
Overhead			Next autoindex	5
Effective	3.4	KiB	Creation	Jul 13, 2020 at 04:07 PM
Total	3.4	KiB	Last update	Jul 12, 2020 at 10:11 PM
			Last check	Jul 13, 2020 at 10:49 AM


STUDENT LOGIN TABLE

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	mail 	varchar(50)	utf8mb4_0900_ai_ci		No	None		
2	password	varchar(50)	utf8mb4_0900_ai_ci		No	None		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	mail	0	A	No	
mail	BTREE	No	No	mail		A	No	

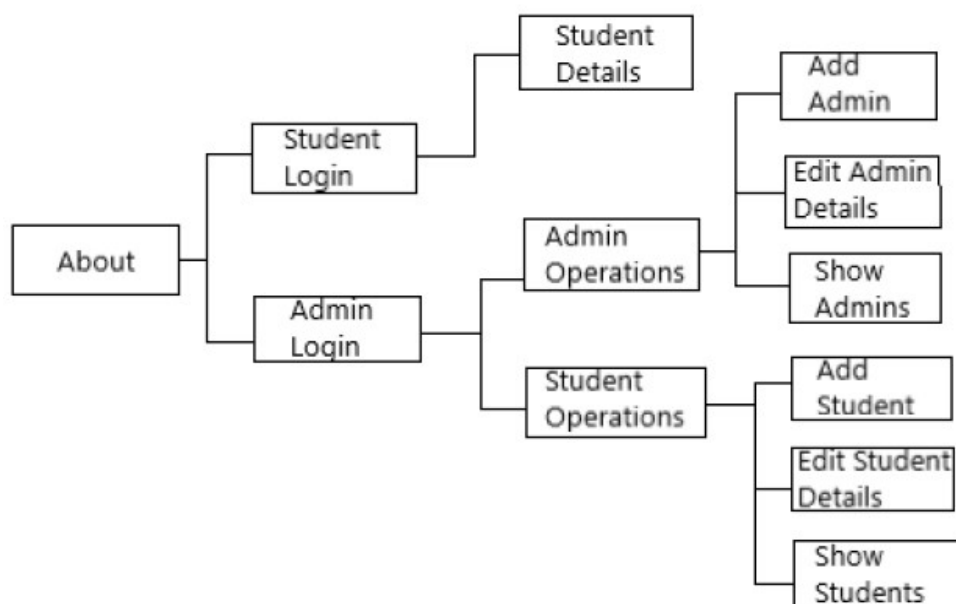
Partitions

 No partitioning defined!

Information

Space usage			Row statistics	
Data	0	B	Format	dynamic
Index	1.0	KiB	Collation	utf8mb4_0900_ai_ci
Overhead			Next autoindex	1
Effective	1.0	KiB	Creation	Jul 13, 2020 at 04:07 PM
Total	1.0	KiB	Last update	Jul 13, 2020 at 02:51 PM
			Last check	Jul 13, 2020 at 10:50 AM

CLASS DIAGRAM



IMPLEMENTATION OF DOMAIN OBJECTS LAYER AND TECHNICAL SERVICE LAYER

Source file

databaseConnection.java

```
import java.sql.DriverManager;
import javax.swing.JOptionPane;
import java.sql.*;

/**
 *
 * @author ankita
 */
public class databaseConnection {
    final static String JDBC_DRIVER = "com.mysql.jdbc.Driver";
    final static String DB_URL = "jdbc:mysql://localhost:3308/student?useSSL=false";

    final static String USER = "root";
    final static String PASS = "";

    public static Connection connection()
    {
        try
        {
            Class.forName(JDBC_DRIVER);
            Connection conn = DriverManager.getConnection(DB_URL,USER,PASS);
            System.out.print("connected");
            return conn;
        }
        catch(Exception e)
        {
            System.out.print(e);
            return null;
        }
    }
}
```

about.java

```
/**
 *
```

```

* @author ankita
*/
public class about extends javax.swing.JFrame {

    /**
     * Creates new form about
     */
    public about() {
        super("Student Registration Portal");
        initComponents();
    }

    /**
     * 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() {

        JFrame1 = new javax.swing.JFrame();
        JPanel1 = new javax.swing.JPanel();
        JButton1 = new javax.swing.JButton();
        titleLabel = new javax.swing.JLabel();

        javax.swing.GroupLayout JFrame1Layout = new javax.swing.GroupLayout(JFrame1.getContentPane());
        JFrame1.getContentPane().setLayout(JFrame1Layout);
        JFrame1Layout.setHorizontalGroup(
            JFrame1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGap(0, 400, Short.MAX_VALUE)
        );
        JFrame1Layout.setVerticalGroup(
            JFrame1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGap(0, 300, Short.MAX_VALUE)
        );

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        JPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "STUDENT REGISTRATION PORTAL",
            javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
            java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102))); // NOI18N

        JButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/front.jpg"))); // NOI18N
        JButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                JButton1ActionPerformed(evt);
            }
        });
    }
}

```

```

titleLabel.setText("~ By Ankita Gupta");

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()
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addContainerGap()
                        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 454,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addGap(176, 176, 176)
                            .addComponent(titleLabel)))
                        .addContainerGap())
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addContainerGap()
                        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 283,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(titleLabel))
                )
            .addContainerGap()
        );

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

pack();

```

```

} // </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    Login object = new Login();
    object.setVisible(true);
    object.setLocationRelativeTo(null);
}

/**
 * @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(about.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(about.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(about.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(about.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() {
        about a = new about();
        a.setVisible(true);
        a.setLocationRelativeTo(null);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;

```



```
private javax.swing.JFrame jFrame1;
private javax.swing.JPanel jPanel1;
private javax.swing.JLabel titleLabel;
// End of variables declaration
}
```

Login.javaabout

```
/**
 *
 * @author ankita
 */

import java.sql.*;
import javax.swing.JOptionPane;

public class Login extends javax.swing.JFrame {

    /**
     * Creates new form Login
     */
    Connection conn= null;
    Statement stmt= null;
    ResultSet rs= null;

    public Login() {
        super("Student Registration Portal");
        initComponents();

        conn = databaseConnection.connection();
    }

    /**
     * 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() {

        textArea1 = new java.awt.TextArea();
        jPanel3 = new javax.swing.JPanel();
        jPanel1 = new javax.swing.JPanel();
        jLabel2 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        emailText = new javax.swing.JTextField();
    }
}
```

```

passwordText = new javax.swing.JPasswordField();
jPanel2 = new javax.swing.JPanel();
loginButton = new javax.swing.JButton();
cancelButton = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setResizable(false);
getContentPane().setLayout(new java.awt.CardLayout());

jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Admin Login",
javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102))); // NOI18N

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
jLabel2.setText("Password");

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
jLabel1.setText("Email");

emailText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
emailText.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        emailTextActionPerformed(evt);
    }
});

passwordText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
passwordText.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        passwordTextActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(0, 0, 0)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel1)
                .addGap(0, 0, Short.MAX_VALUE)
                .addComponent(emailText, javax.swing.GroupLayout.PREFERRED_SIZE, 200,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(0, 0, 0)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel2)
                .addGap(0, 0, Short.MAX_VALUE))
        )
);

```

```

        .addComponent(passwordText, javax.swing.GroupLayout.PREFERRED_SIZE, 200,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(0, 0, 0))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())
        .addContainerGap()
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(emailText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel1))
        .addGap(58, 58, 58)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel2)
        .addComponent(passwordText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap())
    );

    loginButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
    loginButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/login_1.png"))); // NOI18N
    loginButton.setText("Login");
    loginButton.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            loginButtonActionPerformed(evt);
        }
    });

    cancelButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
    cancelButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/close.png"))); // NOI18N
    cancelButton.setText("Cancel");
    cancelButton.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            cancelButtonActionPerformed(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())
        .addContainerGap()
        .addComponent(loginButton)
        .addGap(27, 27, 27)
        .addComponent(cancelButton)
        .addContainerGap())
    );

```

```

jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(loginButton)
                .addComponent(cancelButton))
            .addContainerGap())
        );

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()
                    .addContainerGap()
                    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGap(44, 44, 44)
                    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap())
        );
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, 127,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
        );

getContentPane().add(jPanel3, "card2");

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

private void loginButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try{
        stmt = conn.createStatement();
        String userEmail= emailText.getText();
        String userPass= passwordText.getText();

```

```

String sql= "SELECT * FROM admin WHERE mail='"+userEmail+"' && password = '"+userPass+"' ";

rs = stmt.executeQuery(sql);
if(rs.next())
{
    setVisible(false);
    home object = new home();
    object.setVisible(true);
    object.setLocationRelativeTo(null);
}else
{
    JOptionPane.showMessageDialog(null,"Password or email is incorrect");
}

}catch(Exception e)
{
    System.out.println("Error login"+ e);
}
}

private void cancelButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    System.exit(0);
}

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

private void passwordTextActionPerformed(java.awt.event.ActionEvent 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 */
    //<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).log(java.util.logging.Level.SEVERE, null, ex);
    }
    catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(Main.class).log(java.util.logging.Level.SEVERE, null, ex);
    }
    catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(Main.class).log(java.util.logging.Level.SEVERE, null, ex);
    }
    catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(Main.class).log(java.util.logging.Level.SEVERE, null, ex);
    }
    // End of Look and Feel setting code
}

```

```

    }
}
} 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
private javax.swing.JButton cancelButton;
private javax.swing.JTextField emailText;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JButton loginButton;
private javax.swing.JPasswordField passwordText;
private java.awt.TextArea textArea1;
// End of variables declaration
}

```

home.java

```

/*
 * 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 ankita
 */
public class home extends javax.swing.JFrame {

```

```

/**
 * Creates new form home
 */
public home() {
    super("Student Registration Portal");
    initComponents();
}

/**
 * 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() {

    jPanel9 = new javax.swing.JPanel();
    jPanel8 = new javax.swing.JPanel();
    jPanel7 = new javax.swing.JPanel();
    showAdminButton = new javax.swing.JButton();
    jLabel7 = new javax.swing.JLabel();
    jPanel6 = new javax.swing.JPanel();
    adminOpButton = new javax.swing.JButton();
    jLabel6 = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
    addAdminButton = new javax.swing.JButton();
    jLabel5 = new javax.swing.JLabel();
    jPanel5 = new javax.swing.JPanel();
    jPanel1 = new javax.swing.JPanel();
    addStudentButton = new javax.swing.JButton();
    jLabel2 = new javax.swing.JLabel();
    jPanel3 = new javax.swing.JPanel();
    jLabel4 = new javax.swing.JLabel();
    showStudentButton = new javax.swing.JButton();
    jPanel4 = new javax.swing.JPanel();
    jLabel3 = new javax.swing.JLabel();
    studentOpButton = new javax.swing.JButton();
    menuBar = new javax.swing.JMenuBar();
    homeMenu = new javax.swing.JMenu();
    homeMenuItem = new javax.swing.JMenuItem();
    logoutMenuItem = new javax.swing.JMenuItem();
    aboutMenu = new javax.swing.JMenu();
    aboutMenuItem = new javax.swing.JMenuItem();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

```

```
jPanel9.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Student Registration Portal",
javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102))); // NOI18N
```

```
jPanel8.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Admin",
javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 18), new java.awt.Color(0, 102, 102))); // NOI18N
```

```
showAdminButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/support.png"))); // NOI18N
showAdminButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        showAdminButtonActionPerformed(evt);
    }
});
```

```
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
jLabel7.setText("Show Admins");
```

```
javax.swing.GroupLayout jPanel7Layout = new javax.swing.GroupLayout(jPanel7);
jPanel7.setLayout(jPanel7Layout);
jPanel7Layout.setHorizontalGroup(
    jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(2, 2, 2)
            .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(showAdminButton, javax.swing.GroupLayout.PREFERRED_SIZE, 111,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel7)))
        );
jPanel7Layout.setVerticalGroup(
    jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(2, 2, 2)
            .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(showAdminButton, javax.swing.GroupLayout.PREFERRED_SIZE, 115,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jLabel7)
                .addGap(0, 0, 0))
        );
```

```
adminOpButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/person.png"))); // NOI18N
adminOpButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        adminOpButtonActionPerformed(evt);
    }
});
```

```
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
jLabel6.setText("Edit Admin Details");
```



```

javax.swing.GroupLayout jPanel6Layout = new javax.swing.GroupLayout(jPanel6);
jPanel6.setLayout(jPanel6Layout);
jPanel6Layout.setHorizontalGroup(
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel6Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jLabel6))
        .addGroup(jPanel6Layout.createSequentialGroup()
            .addGap(20, 20, 20)
            .addComponent(adminOpButton, javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
);
jPanel6Layout.setVerticalGroup(
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel6Layout.createSequentialGroup()
            .addGap(0, 0, 0)
            .addComponent(adminOpButton, javax.swing.GroupLayout.PREFERRED_SIZE, 113,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel6)
            .addGap(0, 0, 0))
);

addAdminButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/shield.png"))); // NOI18N
addAdminButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        addAdminButtonActionPerformed(evt);
    }
});

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
jLabel5.setText("Add Admin");

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(0, 0, Short.MAX_VALUE)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel5, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 94, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(addAdminButton, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 99, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(0, 0, 0))
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addGroup(jPanel2Layout.createSequentialGroup())
        .addGap(0, 0, 0)
        .addComponent(addAdminButton, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, 0))
    );

    javax.swing.GroupLayout jPanel8Layout = new javax.swing.GroupLayout(jPanel8);
    jPanel8.setLayout(jPanel8Layout);
    jPanel8Layout.setHorizontalGroup(
        jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel8Layout.createSequentialGroup()
            .add(jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(132, 132, 132)
                .add(jPanel6, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .add(jPanel7, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(32, 32, 32))
            .addContainerGap())
    );
    jPanel8Layout.setVerticalGroup(
        jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel8Layout.createSequentialGroup()
            .add(jPanel6, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .add(jPanel7, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .add(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(6, 6, 6)
            .addContainerGap())
    );

    jPanel5.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Student",
javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 18), new java.awt.Color(0, 102, 102))); // NOI18N

    addStudentButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/student.png"))); // NOI18N
    addStudentButton.addActionListener(new java.awt.event.ActionListener() {

```

```

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

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
jLabel2.setText("Add Student");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel2)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(addStudentButton, javax.swing.GroupLayout.PREFERRED_SIZE, 103,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(10, 10, 10)
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(addStudentButton, javax.swing.GroupLayout.PREFERRED_SIZE, 97,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel2)
            .addGap(10, 10, 10)
);

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
jLabel4.setText("Show Students");

showStudentButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/list.png"))); // NOI18N
showStudentButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        showStudentButtonActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel4)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(addStudentButton, javax.swing.GroupLayout.PREFERRED_SIZE, 103,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(10, 10, 10)
);

```

```

        .addComponent(showStudentButton, javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap()
    );
    jPanel3Layout.setVerticalGroup(
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(0, 0, 0)
            .addComponent(showStudentButton, javax.swing.GroupLayout.PREFERRED_SIZE, 96,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel4)
            .addGap(0, 0, 0))
    );

    jLabel3.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
    jLabel3.setText("Update Student Details");

    studentOpButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/update (1).png"))); // NOI18N
    studentOpButton.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            studentOpButtonActionPerformed(evt);
        }
    });

    javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);
    jPanel4.setLayout(jPanel4Layout);
    jPanel4Layout.setHorizontalGroup(
        jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING)
        .addGroup(jPanel4Layout.createSequentialGroup()
            .addComponent(studentOpButton, javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
    );
    jPanel4Layout.setVerticalGroup(
        jPanel4Layout.createSequentialGroup()
            .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel4Layout.createSequentialGroup()
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(0, 0, Short.MAX_VALUE))
                .addGroup(jPanel4Layout.createSequentialGroup()
                    .addComponent(studentOpButton, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(0, 0, Short.MAX_VALUE))
            )
    );

    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()
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 100, Short.MAX_VALUE)
            .addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(100, 100, 100)
            .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
        );
jPanel5Layout.setVerticalGroup(
    jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel5Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                .addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jPanel1, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jPanel3, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap(25, Short.MAX_VALUE))
        );

javax.swing.GroupLayout jPanel9Layout = new javax.swing.GroupLayout(jPanel9);
jPanel9.setLayout(jPanel9Layout);
jPanel9Layout.setHorizontalGroup(
    jPanel9Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel9Layout.createSequentialGroup()
            .addGap(37, 37, 37)
            .addGroup(jPanel9Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addComponent(jPanel5, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jPanel8, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        );
jPanel9Layout.setVerticalGroup(
    jPanel9Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel9Layout.createSequentialGroup()
            .addContainerGap()

```

```

        .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jPanel8, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap()
    );

    homeMenu.setText("Home");

    homeMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_H,
java.awt.event.InputEvent.CTRL_MASK));
    homeMenuItem.setText("Home");
    homeMenu.add(homeMenuItem);

    logoutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_L,
java.awt.event.InputEvent.CTRL_MASK));
    logoutMenuItem.setText("Logout");
    logoutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            logoutMenuItemActionPerformed(evt);
        }
    });
    homeMenu.add(logoutMenuItem);

    menuBar.add(homeMenu);

    aboutMenu.setText("About");

    aboutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_A,
java.awt.event.InputEvent.CTRL_MASK));
    aboutMenuItem.setText("About");
    aboutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            aboutMenuItemActionPerformed(evt);
        }
    });
    aboutMenu.add(aboutMenuItem);

    menuBar.add(aboutMenu);

    setJMenuBar(menuBar);

    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()
                .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap()
            )
            .addGroup(layout.createSequentialGroup()
                .addComponent(jPanel8, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap()
            )
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jPanel8, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap()
            )
    );
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("Menu Example");
    setJMenuBar(menuBar);
    setSize(400, 300);
    setLocationRelativeTo(null);
    setVisible(true);
}

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

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

```

```

        .addComponent(jPanel9, 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()
            .addContainerGap(15, Short.MAX_VALUE)
            .addComponent(jPanel9, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
        );

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

private void aboutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    about object = new about();
    object.setVisible(true);
}

private void logoutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    Login object = new Login();
    object.setVisible(true);
}

private void showStudentButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    showStudent object = new showStudent();
    object.setVisible(true);
}

private void showAdminButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    showAdmin object = new showAdmin();
    object.setVisible(true);
}

private void adminOpButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    admin object = new admin();
    object.setVisible(true);
}

```

```

}

private void addStudentButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    addStudent object = new addStudent();
    object.setVisible(true);
}

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

    setVisible(false);
    student object = new student();
    object.setVisible(true);
}

private void addAdminButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    addAdmin object = new addAdmin();
    object.setVisible(true);
}

/**
 * @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(home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(home.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 home().setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JMenu aboutMenu;  
private javax.swing.JMenuItem aboutMenuItem;  
private javax.swing.JButton addAdminButton;  
private javax.swing.JButton addStudentButton;  
private javax.swing.JButton adminOpButton;  
private javax.swing.JMenu homeMenu;  
private javax.swing.JMenuItem homeMenuItem;  
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.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JPanel jPanel4;  
private javax.swing.JPanel jPanel5;  
private javax.swing.JPanel jPanel6;  
private javax.swing.JPanel jPanel7;  
private javax.swing.JPanel jPanel8;  
private javax.swing.JPanel jPanel9;  
private javax.swing.JMenuItem logoutMenuItem;  
private javax.swing.JMenuBar menuBar;  
private javax.swing.JButton showAdminButton;  
private javax.swing.JButton showStudentButton;  
private javax.swing.JButton studentOpButton;  
// End of variables declaration  
}
```

addStudent.java

```
import java.sql.Connection;  
import java.sql.ResultSet;  
import java.sql.Statement;  
import javax.swing.JOptionPane;
```

```

/**
 *
 * @author ankita
 */
public class addStudent extends javax.swing.JFrame {

    /**
     * Creates new form addStudent
     */

    Connection conn= null;
    Statement stmt= null;
    ResultSet rs= null;

    public addStudent() {
        super("Student Registration Portal");
        initComponents();
        conn = databaseConnection.connection();
    }

    /**
     * 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() {

        jPanel3 = new javax.swing.JPanel();
        jPanel1 = new javax.swing.JPanel();
        bloodCombo = new javax.swing.JComboBox<>();
        addressText = new javax.swing.JTextField();
        fatherLabel = new javax.swing.JLabel();
        courseLabel = new javax.swing.JLabel();
        fatherText = new javax.swing.JTextField();
        emailText = new javax.swing.JTextField();
        addressLabel = new javax.swing.JLabel();
        phoneText = new javax.swing.JTextField();
        bloodLabel = new javax.swing.JLabel();
        emailLabel = new javax.swing.JLabel();
        nameText = new javax.swing.JTextField();
        phoneLabel = new javax.swing.JLabel();
        nameLabel = new javax.swing.JLabel();
        courseText = new javax.swing.JTextField();
        jPanel2 = new javax.swing.JPanel();

```

```
backButton = new javax.swing.JButton();
submitButton = new javax.swing.JButton();
jMenuBar1 = new javax.swing.JMenuBar();
homeMenu = new javax.swing.JMenu();
homeMenuItem = new javax.swing.JMenuItem();
logoutMenuItem = new javax.swing.JMenuItem();
aboutMenu = new javax.swing.JMenu();
aboutMenuItem = new javax.swing.JMenuItem();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Add Student",
javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102))); // NOI18N

bloodCombo.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
bloodCombo.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "A+", "A-", "AB+", "AB-", "B+",
"B-", "O+", "O-" }));

addressText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

fatherLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
fatherLabel.setText("Father's Name");

courseLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
courseLabel.setText("Course");

fatherText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

emailText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

addressLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
addressLabel.setText("Address");

phoneText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

bloodLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
bloodLabel.setText("Blood");

emailLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
emailLabel.setText("Email");

nameText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

phoneLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
phoneLabel.setText("Phone");

nameLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
nameLabel.setText("Name");
```

```

courseText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(fatherLabel)
                .addComponent(nameLabel, javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(courseLabel, javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(addressLabel, javax.swing.GroupLayout.Alignment.LEADING))
            .addGap(10, 10, 10)
            .addComponent(bloodLabel)
            .addGap(10, 10, 10)
            .addComponent(emailLabel)
            .addGap(10, 10, 10)
            .addComponent(phoneLabel))
        .addGap(62, 62, 62)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(nameText)
            .addComponent(fatherText)
            .addComponent(addressText)
            .addComponent(bloodCombo, 0, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(phoneText)
            .addComponent(emailText)
            .addComponent(courseText, javax.swing.GroupLayout.PREFERRED_SIZE, 150,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(10, 10, 10)
        );
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(nameLabel)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(nameText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(34, 34, 34)
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(fatherLabel)
                    .addComponent(fatherText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(34, 34, 34)
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(courseLabel)
                    .addComponent(courseText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(34, 34, 34)
            )
        )
    );

```

```

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(addressLabel)
            .addComponent(addressText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(34, 34, 34)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(phoneLabel)
            .addComponent(phoneText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(31, 31, 31)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(emailLabel)
            .addComponent(emailText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(37, 37, 37)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(bloodLabel)
            .addComponent(bloodCombo, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap())
    );

```

```

backButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
backButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/back.png"))); // NOI18N
backButton.setText("Back");
backButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        backButtonActionPerformed(evt);
    }
});

```

```

submitButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
submitButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/enter.png"))); // NOI18N
submitButton.setText("Submit");
submitButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        submitButtonActionPerformed(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()
            .addContainerGap()
            .addComponent(submitButton, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

```

```

        .addComponent(backButton, javax.swing.GroupLayout.DEFAULT_SIZE, 106, Short.MAX_VALUE)
        .addGap(11, 11, 11))
    );
    jPanel2Layout.setVerticalGroup(
        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(submitButton)
                .addComponent(backButton))
            .addContainerGap())
    );

    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()
                    .addContainerGap()
                    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGap(55, 55, 55)
                    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap())
    );
    jPanel3Layout.setVerticalGroup(
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addGap(36, 36, 36)
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
    );

    homeMenu.setText("Home");

    homeMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_H,
java.awt.event.InputEvent.CTRL_MASK));
    homeMenuItem.setText("Home");
    homeMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            homeMenuItemActionPerformed(evt);

```

```

    }
    });
    homeMenu.add(homeMenuItem);

    logoutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_L,
java.awt.event.InputEvent.CTRL_MASK));
    logoutMenuItem.setText("Logout");
    logoutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            logoutMenuItemActionPerformed(evt);
        }
    });
    homeMenu.add(logoutMenuItem);

    jMenuBar1.add(homeMenu);

    aboutMenu.setText("About");

    aboutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_A,
java.awt.event.InputEvent.CTRL_MASK));
    aboutMenuItem.setText("About");
    aboutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            aboutMenuItemActionPerformed(evt);
        }
    });
    aboutMenu.add(aboutMenuItem);

    jMenuBar1.add(aboutMenu);

    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()
                .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(20, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addGap(20, 20, 20))
    );

```

```

);

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

private void submitButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        stmt = conn.createStatement();
        String stdName= nameText.getText();
        String stdBlood = (String) bloodCombo.getSelectedItem();
        String stdFather= fatherText.getText();
        String stdCourse = courseText.getText();
        String stdAddress = addressText.getText();
        String stdPhn= phoneText.getText();
        String stdEmail = emailText.getText();

        String sql ="INSERT INTO STUDENT(stdName,stdFatherName,stdBlood,stdPhone,stdAddress,stdCourse,stdEmail) "
            +
"VALUES('"+stdName+"','"+stdFather+"','"+stdBlood+"','"+stdPhn+"','"+stdAddress+"','"+stdCourse+"','"+stdEmail+"')";

        stmt.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Student is Successfully registered");
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

private void logoutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    Login object = new Login();
    object.setVisible(true);
}

private void aboutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    about object = new about();
    object.setVisible(true);
}

private void homeMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
}

```



```

    object.setVisible(true);
}

private void backButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
    object.setVisible(true);
}

/**
 * @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(addStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(addStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(addStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(addStudent.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 addStudent().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JMenu aboutMenu;
private javax.swing.JMenuItem aboutMenuItem;
private javax.swing.JLabel addressLabel;

```

```

private javax.swing.JTextField addressText;
private javax.swing.JButton backButton;
private javax.swing.JComboBox<String> bloodCombo;
private javax.swing.JLabel bloodLabel;
private javax.swing.JLabel courseLabel;
private javax.swing.JTextField courseText;
private javax.swing.JLabel emailLabel;
private javax.swing.JTextField emailText;
private javax.swing.JLabel fatherLabel;
private javax.swing.JTextField fatherText;
private javax.swing.JMenu homeMenu;
private javax.swing.JMenuItem homeMenuItem;
private javax.swing.JMenuBar jMenuBar1;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JMenuItem logoutMenuItem;
private javax.swing.JLabel nameLabel;
private javax.swing.JTextField nameText;
private javax.swing.JLabel phoneLabel;
private javax.swing.JTextField phoneText;
private javax.swing.JButton submitButton;
// End of variables declaration
}

```

showStudent.java

```

import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import net.proteanit.sql.DbUtils;

/*
 * 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 ankita
 */
public class showStudent extends javax.swing.JFrame {

```

```

/**
 * Creates new form showStudent
 */

Connection conn= null;
Statement stmt= null;
ResultSet rs= null;

public showStudent() {
    super("Student Registration Portal");
    initComponents();

    conn = databaseConnection.connection();
    showRecord();
}

public void showRecord()
{
    try
    {
        stmt = conn.createStatement();
        String sql = "SELECT * FROM STUDENT";
        ResultSet rs= stmt.executeQuery(sql);

        studentDetailTable.setModel(DbUtils.resultSetToTableModel(rs));

    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, 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();
    backButton = new javax.swing.JButton();
    jScrollPane1 = new javax.swing.JScrollPane();
    studentDetailTable = new javax.swing.JTable();
    jMenuBar1 = new javax.swing.JMenuBar();
    homeMenu = new javax.swing.JMenu();

```

```
homeMenuItem = new javax.swing.JMenuItem();
logoutMenuItem = new javax.swing.JMenuItem();
aboutMenu = new javax.swing.JMenu();
aboutMenuItem = new javax.swing.JMenuItem();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
jPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Students",
javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102))); // NOI18N
```

```
backButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
backButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/back.png"))); // NOI18N
backButton.setText("Back");
backButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        backButtonActionPerformed(evt);
    }
});
```

```
studentDetailTable.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {null, null, null, null, null, null, null, null},
        {null, null, null, null, null, null, null, null},
        {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", "Title 5", "Title 6", "Title 7", "Title 8"
    }
) {
    boolean[] canEdit = new boolean [] {
        false, false, false, false, false, false, false, false
    };

    public boolean isCellEditable(int rowIndex, int columnIndex) {
        return canEdit [columnIndex];
    }
});
```

```
studentDetailTable.setRequestFocusEnabled(false);
jScrollPane1.setViewportView(studentDetailTable);
```

```
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(15, 15, 15)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
                .addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE, 150, true)
            )
        )
);
```

```

        .addComponent(backButton)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 1329,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap()
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 375,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(backButton)
            .addContainerGap())
    );

    homeMenu.setText("Home");

    homeMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_H,
java.awt.event.InputEvent.CTRL_MASK));
    homeMenuItem.setText("Home");
    homeMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            homeMenuItemActionPerformed(evt);
        }
    });
    homeMenu.add(homeMenuItem);

    logoutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_L,
java.awt.event.InputEvent.CTRL_MASK));
    logoutMenuItem.setText("Logout");
    logoutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            logoutMenuItemActionPerformed(evt);
        }
    });
    homeMenu.add(logoutMenuItem);

    jMenuBar1.add(homeMenu);

    aboutMenu.setText("About");

    aboutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_A,
java.awt.event.InputEvent.CTRL_MASK));
    aboutMenuItem.setText("About");
    aboutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            aboutMenuItemActionPerformed(evt);
        }
    });

```

```

});
aboutMenu.add(aboutMenuItem);

jMenuBar1.add(aboutMenu);

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()
            .addGap(20, 20, 20)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(20, Short.MAX_VALUE))
        );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(20, 20, 20)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(20, Short.MAX_VALUE))
        );

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

private void homeMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
    object.setVisible(true);
}

private void logoutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    Login object = new Login();
    object.setVisible(true);
}

private void aboutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    about object = new about();
    object.setVisible(true);
}

```

```

private void backButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
    object.setVisible(true);
}

/**
 * @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(showStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(showStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(showStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(showStudent.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 showStudent().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JMenu aboutMenu;
private javax.swing.JMenuItem aboutMenuItem;
private javax.swing.JButton backButton;
private javax.swing.JMenu homeMenu;
private javax.swing.JMenuItem homeMenuItem;

```

```
private javax.swing.JMenuBar jMenuBar1;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JMenuItem logoutMenuItem;
private javax.swing.JTable studentDetailTable;
// End of variables declaration
}
```

student.java

```
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;

/*
 * 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 anki0
 */
public class student extends javax.swing.JFrame {

    /**
     * Creates new form student
     */

    Connection conn= null;
    Statement stmt= null;
    ResultSet rs= null;

    public student() {
        super("Student Registration Portal");
        initComponents();
        conn = databaseConnection.connection();
    }

    /**
     * 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() {

    jPanel3 = new javax.swing.JPanel();
    jPanel1 = new javax.swing.JPanel();
    addressText = new javax.swing.JTextField();
    fatherLabel = new javax.swing.JLabel();
    courseLabel = new javax.swing.JLabel();
    fatherText = new javax.swing.JTextField();
    emailText = new javax.swing.JTextField();
    addressLabel = new javax.swing.JLabel();
    phoneText = new javax.swing.JTextField();
    bloodLabel = new javax.swing.JLabel();
    emailLabel = new javax.swing.JLabel();
    nameText = new javax.swing.JTextField();
    phoneLabel = new javax.swing.JLabel();
    nameLabel = new javax.swing.JLabel();
    courseText = new javax.swing.JTextField();
    studentIdLabel = new javax.swing.JLabel();
    studentIdText = new javax.swing.JTextField();
    idSearchButton = new javax.swing.JButton();
    emailSearchButton = new javax.swing.JButton();
    bloodText = new javax.swing.JTextField();
    jPanel2 = new javax.swing.JPanel();
    backButton = new javax.swing.JButton();
    updateButton = new javax.swing.JButton();
    deleteButton = new javax.swing.JButton();
    jMenuBar1 = new javax.swing.JMenuBar();
    homeMenu = new javax.swing.JMenu();
    homeMenuItem = new javax.swing.JMenuItem();
    logoutMenuItem = new javax.swing.JMenuItem();
    aboutMenu = new javax.swing.JMenu();
    aboutMenuItem = new javax.swing.JMenuItem();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Search",
    javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
    java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102))); // NOI18N

    addressText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

    fatherLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
    fatherLabel.setText("Father's Name");

    courseLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
    courseLabel.setText("Course");

```

```
fatherText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
```

```
emailText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
```

```
addressLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
addressLabel.setText("Address");
```

```
phoneText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
```

```
bloodLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
bloodLabel.setText("Blood");
```

```
emailLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
emailLabel.setText("Email");
```

```
nameText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
```

```
phoneLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
phoneLabel.setText("Phone");
```

```
nameLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
nameLabel.setText("Name");
```

```
courseText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
```

```
studentIdLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
studentIdLabel.setText("Student Id");
```

```
studentIdText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
```

```
idSearchButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
idSearchButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/search (1).png"))); // NOI18N  
idSearchButton.setText("Search");  
idSearchButton.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        idSearchButtonActionPerformed(evt);  
    }  
});
```

```
emailSearchButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
emailSearchButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/search (1).png"))); //
```

```
NOI18N
```

```
emailSearchButton.setText("Search");  
emailSearchButton.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        emailSearchButtonActionPerformed(evt);  
    }  
});
```

```

bloodText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(62, 62, 62)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addComponent(nameText)
                .addComponent(fatherText)
                .addComponent(addressText)
                .addComponent(phoneText)
                .addComponent(emailText)
                .addComponent(courseText)
                .addComponent(studentIdText)
                .addComponent(bloodText, javax.swing.GroupLayout.DEFAULT_SIZE, 150, Short.MAX_VALUE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(emailSearchButton)
                .addComponent(idSearchButton))
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        );
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(studentIdLabel)
                .addComponent(studentIdText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(idSearchButton))
            .addGap(35, 35, 35)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(nameLabel)
                .addComponent(nameText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(34, 34, 34)

```

```

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(fatherLabel)
            .addComponent(fatherText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(34, 34, 34)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(courseLabel)
            .addComponent(courseText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(34, 34, 34)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(addressLabel)
            .addComponent(addressText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(34, 34, 34)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(phoneLabel)
            .addComponent(phoneText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(30, 30, 30)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(emailLabel)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(emailText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(emailSearchButton)))
        .addGap(35, 35, 35)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(bloodLabel)
            .addComponent(bloodText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap())
    );

```

```

backButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
backButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/back.png"))); // NOI18N
backButton.setText("Back");
backButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        backButtonActionPerformed(evt);
    }
});

updateButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
updateButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/update (2).png"))); // NOI18N
updateButton.setText("Update");
updateButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        updateButtonActionPerformed(evt);
    }
});

```

```

    }
    });

deleteButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
deleteButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/delete.png"))); // NOI18N
deleteButton.setText("Delete");
deleteButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        deleteButtonActionPerformed(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(updateButton, javax.swing.GroupLayout.PREFERRED_SIZE, 119,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(deleteButton)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(backButton)
            .addContainerGap())
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(updateButton)
                .addComponent(backButton)
                .addComponent(deleteButton))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);

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()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(deleteButton)
                .addComponent(backButton)
                .addComponent(updateButton))
            .addContainerGap())
);

```

```

        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(75, Short.MAX_VALUE))
    );
    jPanel3Layout.setVerticalGroup(
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup())
        .addContainerGap()
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addGap(49, 49, 49)
        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );

    homeMenu.setText("Home");

    homeMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_H,
java.awt.event.InputEvent.CTRL_MASK));
    homeMenuItem.setText("Home");
    homeMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            homeMenuItemActionPerformed(evt);
        }
    });
    homeMenu.add(homeMenuItem);

    logoutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_L,
java.awt.event.InputEvent.CTRL_MASK));
    logoutMenuItem.setText("Logout");
    logoutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            logoutMenuItemActionPerformed(evt);
        }
    });
    homeMenu.add(logoutMenuItem);

    jMenuBar1.add(homeMenu);

    aboutMenu.setText("About");

    aboutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_A,
java.awt.event.InputEvent.CTRL_MASK));
    aboutMenuItem.setText("About");
    aboutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            aboutMenuItemActionPerformed(evt);
        }
    });

```

```

});
aboutMenu.add(aboutMenuItem);

jMenuBar1.add(aboutMenu);

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()
            .addGap(20, 20, 20)
            .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(20, Short.MAX_VALUE))
        );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(20, 20, 20)
            .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addGap(20, 20, 20))
        );

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

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

    setVisible(false);
    home object = new home();
    object.setVisible(true);

}

private void logoutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    Login object = new Login();
    object.setVisible(true);
}

private void aboutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    about object = new about();

```

```

    object.setVisible(true);
}

private void updateButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        stmt = conn.createStatement();
        String stdName= nameText.getText();
        String stdBlood = bloodText.getText();
        String stdFather= fatherText.getText();
        String stdCourse = courseText.getText();
        String stdAddress = addressText.getText();
        String stdPhn= phoneText.getText();
        String stdEmail = emailText.getText();

        String sql ="UPDATE STUDENT set stdName
="+stdName+"",stdFatherName="+stdFather+"",stdBlood="+stdBlood+"",stdPhone="+stdPhn+"",stdAddress="+stdAddr
ess+",stdCourse="+stdCourse+"",stdEmail="+stdEmail+" ";

        stmt.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Student Details are Updated Successfully");
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

private void idSearchButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        stmt = conn.createStatement();
        int stdId = Integer.parseInt(studentIdText.getText());
        String sql = "SELECT * FROM student WHERE id = '"+stdId+"' ";

        rs = stmt.executeQuery(sql);
        if(rs.next())
        {
            nameText.setText(rs.getString("stdName"));
            fatherText.setText(rs.getString("stdFatherName"));
            bloodText.setText(rs.getString("stdBlood"));
            addressText.setText(rs.getString("stdAddress"));
            courseText.setText(rs.getString("stdCourse"));
            emailText.setText(rs.getString("stdEmail"));
            phoneText.setText(rs.getString("stdPhone"));
        }
    }
}

```



```

        else
        {
            JOptionPane.showMessageDialog(null,"Record Not Found");
        }

    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

private void emailSearchButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        stmt = conn.createStatement();
        String email= emailText.getText();
        String sql = "SELECT * FROM student WHERE stdEmail = '"+email+"' ";

        rs = stmt.executeQuery(sql);
        if(rs.next())
        {

            studentIdText.setText(rs.getString("id"));
            nameText.setText(rs.getString("stdName"));
            fatherText.setText(rs.getString("stdFatherName"));
            bloodText.setText(rs.getString("stdBlood"));
            addressText.setText(rs.getString("stdAddress"));
            courseText.setText(rs.getString("stdCourse"));
            emailText.setText(rs.getString("stdEmail"));
            phoneText.setText(rs.getString("stdPhone"));
        }
        else
        {
            JOptionPane.showMessageDialog(null,"Record Not Found");
        }

    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

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

```

```

        stmt = conn.createStatement();
        int stdId = Integer.parseInt(studentIdText.getText());
        String sql = "DELETE FROM student WHERE id = '"+stdId+"'";
        stmt.executeUpdate(sql);
        JOptionPane.showMessageDialog(null, "Record Successfully deleted");
        setVisible(false);
        showStudent object = new showStudent();
        object.setVisible(true);

    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

private void backButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
    object.setVisible(true);
}

/**
 * @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(student.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(student.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(student.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(student.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 student().setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JMenu aboutMenu;  
private javax.swing.JMenuItem aboutMenuItem;  
private javax.swing.JLabel addressLabel;  
private javax.swing.JTextField addressText;  
private javax.swing.JButton backButton;  
private javax.swing.JLabel bloodLabel;  
private javax.swing.JTextField bloodText;  
private javax.swing.JLabel courseLabel;  
private javax.swing.JTextField courseText;  
private javax.swing.JButton deleteButton;  
private javax.swing.JLabel emailLabel;  
private javax.swing.JButton emailSearchButton;  
private javax.swing.JTextField emailText;  
private javax.swing.JLabel fatherLabel;  
private javax.swing.JTextField fatherText;  
private javax.swing.JMenu homeMenu;  
private javax.swing.JMenuItem homeMenuItem;  
private javax.swing.JButton idSearchButton;  
private javax.swing.JMenuBar jMenuBar1;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JMenuItem logoutMenuItem;  
private javax.swing.JLabel nameLabel;  
private javax.swing.JTextField nameText;  
private javax.swing.JLabel phoneLabel;  
private javax.swing.JTextField phoneText;  
private javax.swing.JLabel studentIdLabel;  
private javax.swing.JTextField studentIdText;  
private javax.swing.JButton updateButton;  
// End of variables declaration  
}
```

addAdmin.java

```

import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;

/*
 * 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 ankita
 */
public class addAdmin extends javax.swing.JFrame {

    /**
     * Creates new form admin
     */

    Connection conn= null;
    Statement stmt= null;
    ResultSet rs= null;
    public addAdmin() {
        super("Student Registration Portal");
        initComponents();
        conn = databaseConnection.connection();
    }

    /**
     * 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() {

        jPanel3 = new javax.swing.JPanel();
        jPanel1 = new javax.swing.JPanel();
        passwordText = new javax.swing.JPasswordField();
        passwordLabel = new javax.swing.JLabel();
        nameText = new javax.swing.JTextField();
        emailText = new javax.swing.JTextField();
        nameLabel = new javax.swing.JLabel();
        emailIdLabel = new javax.swing.JLabel();
        jPanel2 = new javax.swing.JPanel();

```

```
backButton = new javax.swing.JButton();
submitButton = new javax.swing.JButton();
jMenuBar1 = new javax.swing.JMenuBar();
homeMenu = new javax.swing.JMenu();
homeMenuItem = new javax.swing.JMenuItem();
logoutMenuItem = new javax.swing.JMenuItem();
aboutMenu = new javax.swing.JMenu();
aboutMenuItem = new javax.swing.JMenuItem();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Add Admin",
javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102))); // NOI18N
```

```
passwordText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
```

```
passwordLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
passwordLabel.setText("Password");
```

```
nameText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
nameText.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nameTextActionPerformed(evt);
    }
});
```

```
emailText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
```

```
nameLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
nameLabel.setText("Name");
```

```
emailIdLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
emailIdLabel.setText("Email Id");
```

```
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(passwordLabel)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(nameLabel)
                    .addGap(260, 260, 260)))
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(emailText)
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(emailIdLabel)
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(backButton)
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(submitButton)
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(jMenuBar1)
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(homeMenu)
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(logoutMenuItem)
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(aboutMenu)
            .addGap(10, 10, 10))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(aboutMenuItem)
            .addGap(10, 10, 10))
        .addGap(10, 10, 10))
    .addContainerGap(10, Short.MAX_VALUE))
    .addContainerGap(10, Short.MAX_VALUE))
```

```

        .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(emailIdLabel)
        .addGap(97, 97, 97)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(nameText, javax.swing.GroupLayout.PREFERRED_SIZE, 150,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(emailText, javax.swing.GroupLayout.PREFERRED_SIZE, 150,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(passwordText, javax.swing.GroupLayout.PREFERRED_SIZE, 150,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(0, 0, Short.MAX_VALUE)))
    );
    jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup())
    .addContainerGap()
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(nameLabel)
    .addComponent(nameText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(40, 40, 40)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(emailIdLabel)
    .addComponent(emailText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(37, 37, 37)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addComponent(passwordLabel)
    .addComponent(passwordText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addContainerGap())
    );

```

```

backButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
backButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/back.png"))); // NOI18N
backButton.setText("Back");
backButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        backButtonActionPerformed(evt);
    }
});

```

```

submitButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
submitButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/enter.png"))); // NOI18N
submitButton.setText("Submit");
submitButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        submitButtonActionPerformed(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(submitButton, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGap(18, 18, 18)
            .addComponent(backButton, javax.swing.GroupLayout.PREFERRED_SIZE, 106,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18))
        );
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(submitButton)
                .addComponent(backButton))
            .addGap(18, 18, 18))
        );

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel3Layout.createSequentialGroup()
                        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(45, 45, 45)))
                ))
            .addGap(18, 18, 18))
        );
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18))
        );

```

```

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

    homeMenu.setText("Home");

    homeMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_H,
java.awt.event.InputEvent.CTRL_MASK));
    homeMenuItem.setText("Home");
    homeMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            homeMenuItemActionPerformed(evt);
        }
    });
    homeMenu.add(homeMenuItem);

    logoutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_L,
java.awt.event.InputEvent.CTRL_MASK));
    logoutMenuItem.setText("Logout");
    logoutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            logoutMenuItemActionPerformed(evt);
        }
    });
    homeMenu.add(logoutMenuItem);

    jMenuBar1.add(homeMenu);

    aboutMenu.setText("About");

    aboutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_A,
java.awt.event.InputEvent.CTRL_MASK));
    aboutMenuItem.setText("About");
    aboutMenuItem.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            aboutMenuItemActionPerformed(evt);
        }
    });
    aboutMenu.add(aboutMenuItem);

    jMenuBar1.add(aboutMenu);

    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())
        .addGap(20, 20, 20)
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(20, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup())
        .addContainerGap(20, Short.MAX_VALUE)
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(20, 20, 20))
    );

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

```

```

private void homeMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
    object.setVisible(true);
}

```

```

private void logoutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    Login object = new Login();
    object.setVisible(true);
}

```

```

private void aboutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    about object = new about();
    object.setVisible(true);
}

```

```

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

```

```

private void backButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
    object.setVisible(true);
}

```

```

private void submitButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        stmt = conn.createStatement();
        String adminName = nameText.getText();
        String adminMail = emailText.getText();
        String password = passwordText.getText();

        String sql = "INSERT INTO admin (mail, password, name) values
('"+adminMail+"','"+password+"','"+adminName+"')";

        stmt.executeUpdate(sql);
        JOptionPane.showMessageDialog(null, "Admin added successfully");
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }

}

/**
 * @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(addAdmin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(addAdmin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(addAdmin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(addAdmin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    }
}

```

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

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

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

```
java.awt.EventQueue.invokeLater(new Runnable() {  
    public void run() {  
        new addAdmin().setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JMenu aboutMenu;  
private javax.swing.JMenuItem aboutMenuItem;  
private javax.swing.JButton backButton;  
private javax.swing.JLabel emailIdLabel;  
private javax.swing.JTextField emailText;  
private javax.swing.JMenu homeMenu;  
private javax.swing.JMenuItem homeMenuItem;  
private javax.swing.JMenuBar jMenuBar1;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JMenuItem logoutMenuItem;  
private javax.swing.JLabel nameLabel;  
private javax.swing.JTextField nameText;  
private javax.swing.JLabel passwordLabel;  
private javax.swing.JPasswordField passwordText;  
private javax.swing.JButton submitButton;  
// End of variables declaration  
}
```

admin.java

```
import java.sql.Connection;  
import java.sql.ResultSet;  
import java.sql.Statement;  
import javax.swing.JOptionPane;
```

```
/*
```

```
 * 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 ankita
*/
public class admin extends javax.swing.JFrame {

    /**
     * Creates new form admin
     */
    Connection conn= null;
    Statement stmt= null;
    ResultSet rs= null;

    public admin() {
        super("Student Registration Portal");
        initComponents();
        conn = databaseConnection.connection();
    }

    /**
     * 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() {

        jPanel3 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        submitButton = new javax.swing.JButton();
        backButton = new javax.swing.JButton();
        deleteButton = new javax.swing.JButton();
        jPanel1 = new javax.swing.JPanel();
        passwordText = new javax.swing.JPasswordField();
        passwordLabel = new javax.swing.JLabel();
        nameText = new javax.swing.JTextField();
        emailText = new javax.swing.JTextField();
        nameLabel = new javax.swing.JLabel();
        emailIdLabel = new javax.swing.JLabel();
        searchButton = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        idText = new javax.swing.JTextField();
        jMenuBar1 = new javax.swing.JMenuBar();
        homeMenu = new javax.swing.JMenu();
        homeMenuItem = new javax.swing.JMenuItem();
        logoutMenuItem = new javax.swing.JMenuItem();
        aboutMenu = new javax.swing.JMenu();
        aboutMenuItem = new javax.swing.JMenuItem();
    }

```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Search / Update",  
javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new  
java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102))); // NOI18N
```

```
submitButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
submitButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/update (2).png"))); // NOI18N  
submitButton.setText("Update");  
submitButton.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        submitButtonActionPerformed(evt);  
    }  
});
```

```
backButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
backButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/back.png"))); // NOI18N  
backButton.setText("Back");  
backButton.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        backButtonActionPerformed(evt);  
    }  
});
```

```
deleteButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
deleteButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/delete.png"))); // NOI18N  
deleteButton.setText("Delete");  
deleteButton.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        deleteButtonActionPerformed(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(6, 6, 6)  
            .addComponent(submitButton)  
            .addGap(6, 6, 6)  
            .addComponent(deleteButton, javax.swing.GroupLayout.PREFERRED_SIZE, 107,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(6, 6, 6)  
            .addComponent(backButton, javax.swing.GroupLayout.PREFERRED_SIZE, 110,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(6, 6, 6)  
        )  
);  
jPanel2Layout.setVerticalGroup(  
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel2Layout.createSequentialGroup()  
            .addGap(6, 6, 6)  
            .addComponent(submitButton, javax.swing.GroupLayout.PREFERRED_SIZE, 30,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(6, 6, 6)  
            .addComponent(deleteButton, javax.swing.GroupLayout.PREFERRED_SIZE, 30,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(6, 6, 6)  
            .addComponent(backButton, javax.swing.GroupLayout.PREFERRED_SIZE, 30,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(6, 6, 6)  
        )  
);
```

```

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addContainerGap()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(submitButton)
.addComponent(backButton)
.addComponent(deleteButton))
.addContainerGap())
);

passwordText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

passwordLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
passwordLabel.setText("Password");

nameText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
nameText.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nameTextActionPerformed(evt);
    }
});

emailText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

nameLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
nameLabel.setText("Name");

emailIdLabel.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
emailIdLabel.setText("Email Id");

searchButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
searchButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/search (1).png"))); // NOI18N
searchButton.setText("Search");
searchButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        searchButtonActionPerformed(evt);
    }
});

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
jLabel1.setText("Id");

idText.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N

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)
                .addComponent(submitButton)
                .addComponent(backButton)
                .addComponent(deleteButton))
            .addContainerGap(10, true)
        )
);

```

```

        .addGap(0, 34, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(passwordText, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 150, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup())
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(passwordLabel)
                    .addComponent(emailIdLabel)
                    .addComponent(nameLabel)
                    .addComponent(jLabel1))
                .addGap(64, 64, 64)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(nameText, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 150, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(idText, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 150, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(emailText, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 150, javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(searchButton))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addContainerGap()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel1)
                .addComponent(searchButton)
                .addComponent(idText, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(20, 20, 20)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(nameLabel)
                .addComponent(nameText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(20, 20, 20)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(emailIdLabel)
                .addComponent(emailText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(20, 20, 20)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(passwordLabel)
                .addComponent(passwordText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap())
    );

    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())
                    .addContainerGap()
                    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel3Layout.createSequentialGroup())
                    .addGap(35, 35, 35)
                    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap()
    );
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup())
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
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()
        );

homeMenu.setText("Home");

homeMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_H,
java.awt.event.InputEvent.CTRL_MASK));
homeMenuItem.setText("Home");
homeMenuItem.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        homeMenuItemActionPerformed(evt);
    }
});
homeMenu.add(homeMenuItem);

logoutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_L,
java.awt.event.InputEvent.CTRL_MASK));
logoutMenuItem.setText("Logout");
logoutMenuItem.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        logoutMenuItemActionPerformed(evt);
    }
});
homeMenu.add(logoutMenuItem);

```



```

jMenuBar1.add(homeMenu);

aboutMenu.setText("About");

aboutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_A,
java.awt.event.InputEvent.CTRL_MASK));
aboutMenuItem.setText("About");
aboutMenuItem.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        aboutMenuItemActionPerformed(evt);
    }
});
aboutMenu.add(aboutMenuItem);

jMenuBar1.add(aboutMenu);

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()
            .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        );
layout.setVerticalGroup(
    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(20, 20, 20))
        );

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

private void homeMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
    object.setVisible(true);
}

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

```

```

    setVisible(false);
    Login object = new Login();
    object.setVisible(true);
}

private void aboutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    about object = new about();
    object.setVisible(true);
}

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

private void submitButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        stmt = conn.createStatement();
        String adminName = nameText.getText();
        String adminMail = emailText.getText();
        String password = passwordText.getText();

//        String sql = "INSERT INTO admin (mail, password, name) values
//        ("'+adminMail+'','"+password+"','"+adminName+'")";
        String sql = "UPDATE admin set mail='"+adminMail+"',password='"+password+"',name='"+adminMail+" ";

        stmt.executeUpdate(sql);
        JOptionPane.showMessageDialog(null, "Admin details Updated successfully");
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

private void backButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    home object = new home();
    object.setVisible(true);
}

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

```

```

try
{
    stmt = conn.createStatement();
    int adminID = Integer.parseInt(idText.getText());
    String sql = "DELETE FROM admin WHERE id = '"+adminID+"'";
    stmt.executeUpdate(sql);
    JOptionPane.showMessageDialog(null, "Record Successfully deleted");
    setVisible(false);
    showAdmin object = new showAdmin();
    object.setVisible(true);

}
catch(Exception e)
{
    JOptionPane.showMessageDialog(null, e);
}

}

private void searchButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        stmt = conn.createStatement();
        int adminId = Integer.parseInt(idText.getText());
        String sql = "SELECT * FROM admin WHERE id = '"+adminId+"' ";

        rs = stmt.executeQuery(sql);
        if(rs.next())
        {
            nameText.setText(rs.getString("name"));
            emailText.setText(rs.getString("mail"));
            passwordText.setText(rs.getString("password"));
        }
        else
        {
            JOptionPane.showMessageDialog(null, "Record Not Found");
        }

    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

/**
 * @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(admin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(admin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(admin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(admin.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 admin().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JMenu aboutMenu;
private javax.swing.JMenuItem aboutMenuItem;
private javax.swing.JButton backButton;
private javax.swing.JButton deleteButton;
private javax.swing.JLabel emailIdLabel;
private javax.swing.JTextField emailText;
private javax.swing.JMenu homeMenu;
private javax.swing.JMenuItem homeMenuItem;
private javax.swing.JTextField idText;
private javax.swing.JLabel jLabel1;
private javax.swing.JMenuBar jMenuBar1;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JMenuItem logoutMenuItem;
private javax.swing.JLabel nameLabel;

```

```
private javax.swing.JTextField nameText;
private javax.swing.JLabel passwordLabel;
private javax.swing.JPasswordField passwordText;
private javax.swing.JButton searchButton;
private javax.swing.JButton submitButton;
// End of variables declaration
}
```

showAdmin.java

```
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import net.proteanit.sql.DbUtils;

/*
 * 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 ankita
 */
public class showAdmin extends javax.swing.JFrame {

    /**
     * Creates new form showAdmin
     */

    Connection conn= null;
    Statement stmt= null;
    ResultSet rs= null;
    public showAdmin() {
        super("Student Registration Portal");
        initComponents();
        conn = databaseConnection.connection();
        showRecord();
    }

    public void showRecord()
    {
        try
        {
```

```

        stmt = conn.createStatement();
        String sql = "SELECT * FROM admin";
        ResultSet rs= stmt.executeQuery(sql);

        adminTable.setModel(DbUtils.resultSetToTableModel(rs));

    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, 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();
    jScrollPane1 = new javax.swing.JScrollPane();
    adminTable = new javax.swing.JTable();
    backButton = new javax.swing.JButton();
    jMenuBar1 = new javax.swing.JMenuBar();
    homeMenu = new javax.swing.JMenu();
    homeMenuItem = new javax.swing.JMenuItem();
    logoutMenuItem = new javax.swing.JMenuItem();
    aboutMenu = new javax.swing.JMenu();
    aboutMenuItem = new javax.swing.JMenuItem();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swing.BorderFactory.createTitledBorder(null,
"Admins", javax.swing.border.TitledBorder.RIGHT, javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Tahoma", 1, 24), new java.awt.Color(0, 102, 102)))); // NOI18N

    adminTable.setFont(new java.awt.Font("Tahoma", 0, 16)); // NOI18N
    adminTable.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"
        }
    )

```

```

));
jScrollPane1.setViewportViewView(adminTable);

backButton.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
backButton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/image/back.png"))); // NOI18N
backButton.setText("Back");
backButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        backButtonActionPerformed(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()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(backButton)
            .addContainerGap(10, true))
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(backButton)
            .addGap(10, 10, 10))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 247,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(backButton)
            .addContainerGap(10, true))
);

homeMenu.setText("Home");

homeMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_H,
java.awt.event.InputEvent.CTRL_MASK));
homeMenuItem.setText("Home");
homeMenuItem.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        homeMenuItemActionPerformed(evt);
    }
});
homeMenu.add(homeMenuItem);

```

```

logoutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_L,
java.awt.event.InputEvent.CTRL_MASK));
logoutMenuItem.setText("Logout");
logoutMenuItem.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        logoutMenuItemActionPerformed(evt);
    }
});
homeMenu.add(logoutMenuItem);

jMenuBar1.add(homeMenu);

aboutMenu.setText("About");

aboutMenuItem.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK_A,
java.awt.event.InputEvent.CTRL_MASK));
aboutMenuItem.setText("About");
aboutMenuItem.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        aboutMenuItemActionPerformed(evt);
    }
});
aboutMenu.add(aboutMenuItem);

jMenuBar1.add(aboutMenu);

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()
            .addGap(20, 20, 20)
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addGap(20, 20, 20))
        );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(20, 20, 20)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(20, 20, 20))
        );

pack();

```



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

```
private void homeMenuItemActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    setVisible(false);  
    home object = new home();  
    object.setVisible(true);  
}
```

```
private void logoutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    setVisible(false);  
    Login object = new Login();  
    object.setVisible(true);  
}
```

```
private void aboutMenuItemActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    setVisible(false);  
    about object = new about();  
    object.setVisible(true);  
}
```

```
private void backButtonActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    setVisible(false);  
    home object = new home();  
    object.setVisible(true);  
}
```

```
/**
```

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

```
    } catch (InstantiationException ex) {
```

```
    java.util.logging.Logger.getLogger(showAdmin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(showAdmin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(showAdmin.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 showAdmin().setVisible(true);
    }
});
}
```

```
// Variables declaration - do not modify
private javax.swing.JMenu aboutMenu;
private javax.swing.JMenuItem aboutMenuItem;
private javax.swing.JTable adminTable;
private javax.swing.JButton backButton;
private javax.swing.JMenu homeMenu;
private javax.swing.JMenuItem homeMenuItem;
private javax.swing.JMenuBar jMenuBar1;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JMenuItem logoutMenuItem;
// End of variables declaration
}
```