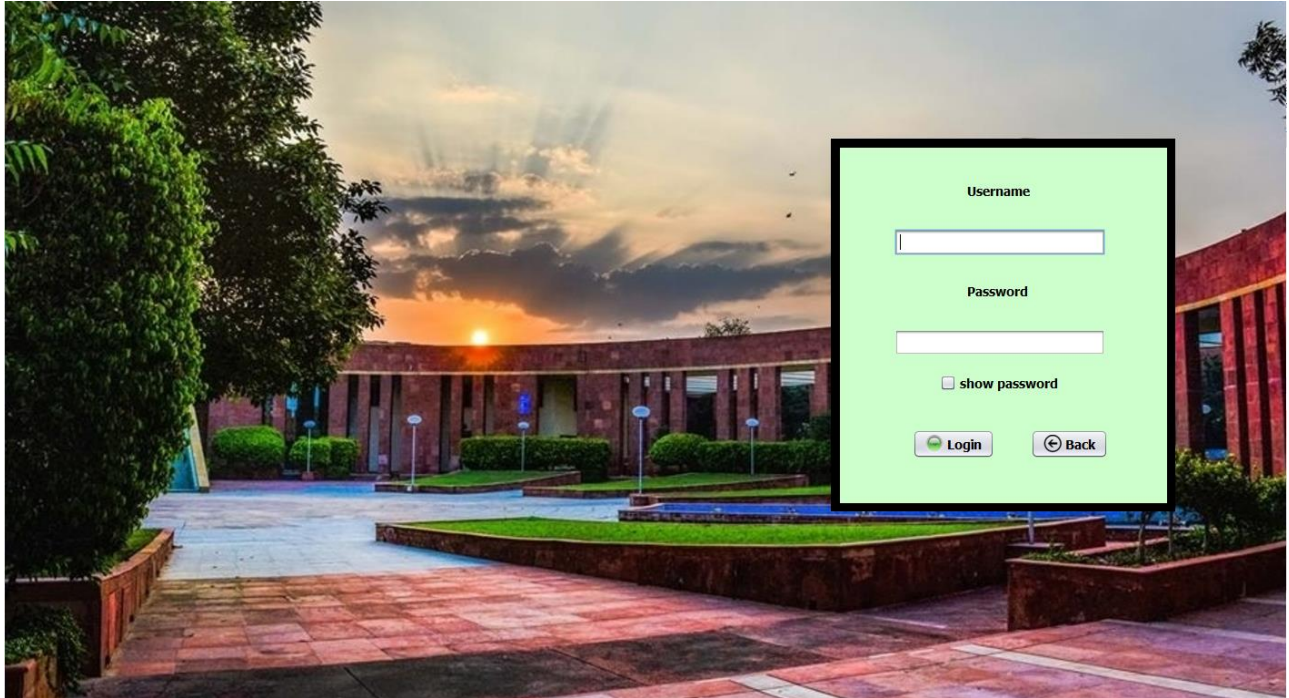


---

# Project Report

---

## 1. LoginAdmin.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.
```

```
*/
```

```
import javax.swing.*;
```

```
/**
```

```
*
```

```
* @author nitis
```

```
*/
```

```
public class loginAdmin extends javax.swing.JFrame {
```

```
/**
```

```
* Creates new form loginAdmin
```

```

*/

public loginAdmin() {
    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() {

    jLabel1 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();
    jPasswordField1 = new javax.swing.JPasswordField();
    jCheckBox1 = new javax.swing.JCheckBox();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jLabel4 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setUndecorated(true);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jLabel1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel1.setText("Username");
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(1060, 200, -1, -1));

```

```
jTextField1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(980, 250, 232, -1));

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel2.setText("Password");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(1060, 310, -1, -1));

jPasswordField1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
getContentPane().add(jPasswordField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(980, 360, 232, -1));

jCheckBox1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jCheckBox1.setText("show password");
jCheckBox1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jCheckBox1ActionPerformed(evt);
    }
});
getContentPane().add(jCheckBox1, new org.netbeans.lib.awtextra.AbsoluteConstraints(1030, 410, -1, -1));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/login.png"))); // NOI18N
jButton1.setText("Login");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(1000, 470, -1, -1));

jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Back.png"))); // NOI18N
jButton2.setText("Back");
```

```

jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(1130, 470, -1, -1));

jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Untitled.png"))); // NOI18N
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(910, 150, -1, -1));

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Webp.net-resizeimage.png"))); // NOI18N
jLabel3.setText("jLabel3");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(1, -2, 1410, 770));

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

```

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
setVisible(false);
new index().setVisible(true); // TODO add your handling code here:
}

```

```

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

if(jTextField1.getText().equals("qems") && jPasswordField1.getText().equals("admin"))
{
setVisible(false);
new Adminhome().setVisible(true);

}
}

```

```

else
{
    ImageIcon icon =new ImageIcon("Incorrect Password.png");

    JOptionPane.showMessageDialog(null,"<html><b style=\"color:red;font-size=10px\">Incorrect <br> Username
or Password</b></html>","show",JOptionPane.INFORMATION_MESSAGE,icon);

}

}

private void jCheckBox1ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

    if(jCheckBox1.isSelected())
    {
        jPasswordField1.setEchoChar((char)0);

    }

    else

        jPasswordField1.setEchoChar('*');
}

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

```

// Variables declaration - do not modify

```

private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JCheckBox jCheckBox1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;

```

```

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

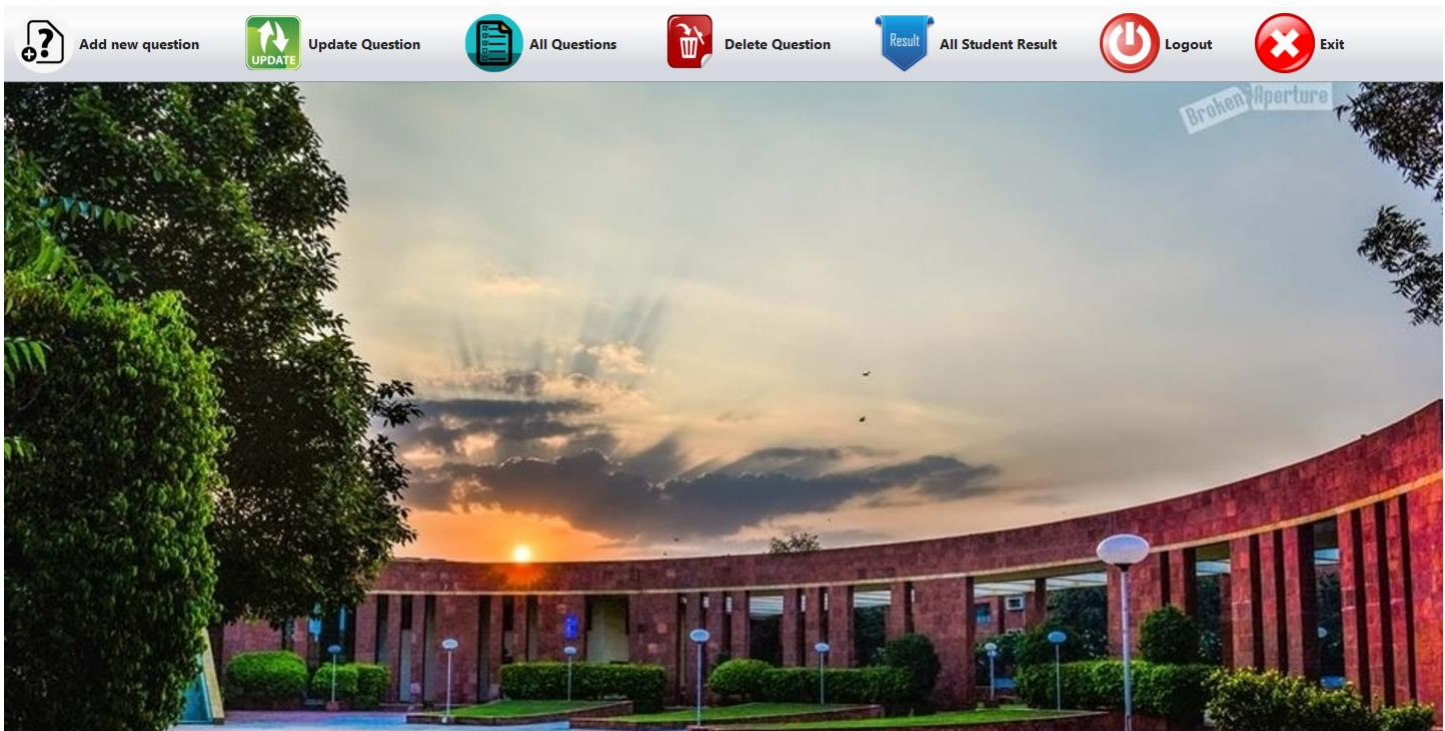
private javax.swing.JPasswordField jPasswordField1;

private javax.swing.JTextField jTextField1;

// End of variables declaration
}

```

## 2. AdminHome.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.
 */
import javax.swing.*;

/**
 *
 * @author nitis
 */

```

```

public class Adminhome extends javax.swing.JFrame {

    public static int open = 0;

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

        jLabel1 = new javax.swing.JLabel();
        jMenuBar1 = new javax.swing.JMenuBar();
        jMenu1 = new javax.swing.JMenu();
        jMenu3 = new javax.swing.JMenu();
        jMenu2 = new javax.swing.JMenu();
        jMenu4 = new javax.swing.JMenu();
        jMenu5 = new javax.swing.JMenu();
        jMenu6 = new javax.swing.JMenu();
        jMenu7 = new javax.swing.JMenu();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    }
}

```



```
jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Webp.net-resizeimage.png"))); // NOI18N  
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));
```

```
jMenuBar1.setOpaque(false);
```

```
jMenu1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/add new question.png"))); // NOI18N
```

```
jMenu1.setText("Add new question");
```

```
jMenu1.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
```

```
jMenu1.setMargin(new java.awt.Insets(5, 5, 5, 30));
```

```
jMenu1.addMouseListener(new java.awt.event.MouseAdapter() {
```

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

```
        jMenu1MouseClicked(evt);
```

```
    }
```

```
});
```

```
jMenuBar1.add(jMenu1);
```

```
jMenu3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Update Question.png"))); // NOI18N
```

```
jMenu3.setText("Update Question");
```

```
jMenu3.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
```

```
jMenu3.setMargin(new java.awt.Insets(5, 5, 5, 30));
```

```
jMenu3.addMouseListener(new java.awt.event.MouseAdapter() {
```

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

```
        jMenu3MouseClicked(evt);
```

```
    }
```

```
});
```

```
jMenu3.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jMenu3ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jMenuBar1.add(jMenu3);
```

```
jMenu2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/all questions.png"))); // NOI18N
jMenu2.setText("All Questions");
jMenu2.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jMenu2.setMargin(new java.awt.Insets(5, 5, 5, 30));
jMenu2.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jMenu2MouseClicked(evt);
    }
});
jMenuBar1.add(jMenu2);
```

```
jMenu4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/delete Question.png"))); // NOI18N
jMenu4.setText("Delete Question");
jMenu4.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jMenu4.setMargin(new java.awt.Insets(5, 5, 5, 30));
jMenu4.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jMenu4MouseClicked(evt);
    }
});
jMenuBar1.add(jMenu4);
```

```
jMenu5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/all student result.png"))); // NOI18N
jMenu5.setText("All Student Result");
jMenu5.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jMenu5.setMargin(new java.awt.Insets(5, 5, 5, 30));
jMenu5.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jMenu5MouseClicked(evt);
    }
});
```

```
jMenuBar1.add(jMenu5);
```

```
jMenu6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Logout.png"))); // NOI18N
```

```
jMenu6.setText("Logout");
```

```
jMenu6.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
```

```
jMenu6.setMargin(new java.awt.Insets(5, 5, 5, 30));
```

```
jMenu6.addMouseListener(new java.awt.event.MouseAdapter() {
```

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

```
        jMenu6MouseClicked(evt);
```

```
    }
```

```
});
```

```
jMenuBar1.add(jMenu6);
```

```
jMenu7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Close.png"))); // NOI18N
```

```
jMenu7.setText("Exit");
```

```
jMenu7.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
```

```
jMenu7.setMargin(new java.awt.Insets(5, 5, 5, 30));
```

```
jMenu7.addMouseListener(new java.awt.event.MouseAdapter() {
```

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

```
        jMenu7MouseClicked(evt);
```

```
    }
```

```
});
```

```
jMenuBar1.add(jMenu7);
```

```
setJMenuBar(jMenuBar1);
```

```
pack();
```

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

```
private void jMenu6MouseClicked(java.awt.event.MouseEvent evt) {
```

```
    ///
```

```
    JFrame jf = new JFrame();
```

```

jf.setAlwaysOnTop(true);

int a = JOptionPane.showConfirmDialog(jf, "Do you really want to Log out", "Select",
JOptionPane.YES_NO_OPTION);

if (a == 0) {
    setVisible(false);
    new loginAdmin().setVisible(true);
}
}

private void jMenuItem7MouseClicked(java.awt.event.MouseEvent evt) {
    ////
    JFrame jf = new JFrame();
    jf.setAlwaysOnTop(true);

    int a = JOptionPane.showConfirmDialog(jf, "Do you really want to Exit Application", "Select",
JOptionPane.YES_NO_OPTION);

    if (a == 0) {
        System.exit(0);
    }
}

private void jMenuItem1MouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    if (open == 0) {
        new addnewquestion().setVisible(true);
        open = 1;

    } else {
        JFrame jf = new JFrame();
        jf.setAlwaysOnTop(true);
        JOptionPane.showMessageDialog(jf, "One form is already Open");
    }
}

```

```
}
```

```
private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:
```

```
}
```

```
private void jMenuItem3MouseClicked(java.awt.event.MouseEvent evt) {  
    // TODO add your handling code here:
```

```
    if (open == 0) {  
        new updateQuestion().setVisible(true);  
        open = 1;
```

```
    } else {  
        JFrame jf = new JFrame();  
        jf.setAlwaysOnTop(true);  
        JOptionPane.showMessageDialog(jf, "One form is already Open");  
    }
```

```
}
```

```
private void jMenuItem2MouseClicked(java.awt.event.MouseEvent evt) {  
    // TODO add your handling code here:
```

```
    if (open == 0) {  
        new allQuestion().setVisible(true);  
        open = 1;
```

```
    } else {  
        JFrame jf = new JFrame();  
        jf.setAlwaysOnTop(true);  
        JOptionPane.showMessageDialog(jf, "One form is already Open");  
    }
```

```
}
```

```
private void jMenuItem4MouseClicked(java.awt.event.MouseEvent evt) {  
    // TODO add your handling code here:  
    if (open == 0) {  
        new deleteQuestion().setVisible(true);  
        open = 1;  
  
    } else {  
        JFrame jf = new JFrame();  
        jf.setAlwaysOnTop(true);  
        JOptionPane.showMessageDialog(jf, "One form is already Open");  
    }  
}
```

```
private void jMenuItem5MouseClicked(java.awt.event.MouseEvent evt) {  
    // TODO add your handling code here:  
    if (open == 0) {  
        new allStudentResult().setVisible(true);  
        open = 1;  
  
    } else {  
        JFrame jf = new JFrame();  
        jf.setAlwaysOnTop(true);  
        JOptionPane.showMessageDialog(jf, "One form is already Open");  
    }  
}
```

```
/**
```

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

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

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

```
} catch (IllegalAccessException ex) {
```

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

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

```
    java.util.logging.Logger.getLogger(Adminhome.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 Adminhome().setVisible(true);
```

```
    }
```

```
});
```

```
}
```

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

```

private javax.swing.JLabel jLabel1;
private javax.swing.JMenu jMenu1;
private javax.swing.JMenu jMenu2;
private javax.swing.JMenu jMenu3;
private javax.swing.JMenu jMenu4;
private javax.swing.JMenu jMenu5;
private javax.swing.JMenu jMenu6;
private javax.swing.JMenu jMenu7;
private javax.swing.JMenuBar jMenuBar1;

// End of variables declaration
}

```

### 3. AddNewQuestion.java

The screenshot shows a Java Swing application window with a title bar containing several icons: a question mark, 'Add new question', 'UPDATE', 'All Questions', 'Delete Question', 'Result', 'All Student Result', 'Logout', and 'Exit'. The main content area of the window displays a 'Broken Aperture' watermark and a large yellow dialog box titled 'Add New Question'. The dialog box has a question mark icon and an 'Exit' button. Inside the dialog, there are input fields for 'Question ID: 11', 'Question:', 'Option 1:', 'Option 2:', 'Option 3:', 'Option 4:', and 'Answer :'. At the bottom of the dialog are 'Save' and 'Clear' buttons. The background of the application window is a photograph of a building and a pool.

/\*

\* 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.

\*/



```

import javax.swing.*.*;
import java.sql.*.*;
import Project.ConnectionProvider;
/**
 *
 * @author nitis
 */
public class addnewquestion extends javax.swing.JFrame {

    /**
     * Creates new form addnewquestion
     */
    public addnewquestion() {
        initComponents();
        try{
            Connection con=ConnectionProvider.getCon();

            Statement st=con.createStatement();

            ResultSet rs=st.executeQuery("select count(id) from question;");

            if(rs.next())
            { //System.out.println("abcd");
                int id =rs.getInt(1);
                id=id+1;
                String str=String.valueOf(id);
                jLabel4.setText(str);
            }
            else jLabel4.setText("1");
        }
    }

```

```

    }

    catch(Exception e)

    { //System.out.println("ad");

        JFrame jf=new JFrame();

        jf.setAlwaysOnTop(true);

        JOptionPane.showMessageDialog(jf,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() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    jSeparator1 = new javax.swing.JSeparator();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    jLabel9 = new javax.swing.JLabel();
    jLabel10 = new javax.swing.JLabel();

```

```

jTextField1 = new javax.swing.JTextField();
jTextField2 = new javax.swing.JTextField();
jTextField3 = new javax.swing.JTextField();
jTextField4 = new javax.swing.JTextField();
jTextField5 = new javax.swing.JTextField();
jTextField6 = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jLabel11 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setAlwaysOnTop(true);
setLocation(new java.awt.Point(150, 183));
setUndecorated(true);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/add new question.png"))); // NOI18N
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 30, 60, 70));

jLabel2.setFont(new java.awt.Font("Corbel", 1, 48)); // NOI18N
jLabel2.setText("Add New Question");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 40, -1, -1));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Close.png"))); // NOI18N
jButton1.setText("Exit");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(920, 20, -1, 90));

```

```
getContentPane().add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 120, 1070, -1));
```

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

```
jLabel3.setText("Question ID:");
```

```
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 140, -1, -1));
```

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

```
jLabel4.setForeground(new java.awt.Color(255, 0, 51));
```

```
jLabel4.setText("00");
```

```
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 140, -1, -1));
```

```
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
```

```
jLabel5.setText("Question:");
```

```
getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 180, -1, -1));
```

```
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
```

```
jLabel6.setText("Option 1:");
```

```
getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 220, -1, -1));
```

```
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
```

```
jLabel7.setText("Option 2:");
```

```
getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 260, -1, -1));
```

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

```
jLabel8.setText("Option 3:");
```

```
getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 300, -1, -1));
```

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

```
jLabel9.setText("Option 4:");
```

```
getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 340, -1, -1));
```

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

```

jLabel10.setText("Answer :");

getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 380, -1, -1));


jTextField1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(169, 178, 699, -1));


jTextField2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
getContentPane().add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(169, 219, 699, -1));


jTextField3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
getContentPane().add(jTextField3, new org.netbeans.lib.awtextra.AbsoluteConstraints(169, 260, 699, -1));


jTextField4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
getContentPane().add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(169, 304, 699, -1));


jTextField5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
getContentPane().add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(169, 342, 699, -1));


jTextField6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
getContentPane().add(jTextField6, new org.netbeans.lib.awtextra.AbsoluteConstraints(169, 383, 699, -1));


jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/save.png"))); // NOI18N
jButton2.setText("Save");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(303, 457, -1, -1));


jButton3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

```

```
jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/clear.png"))); // NOI18N
```

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

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

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

```
        jButton3ActionPerformed(evt);
```

```
    }
```

```
});
```

```
getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(653, 457, -1, -1));
```

```
jLabel11.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background admin.jpg"))); //
```

```
NOI18N
```

```
getContentPane().add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));
```

```
pack();
```

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

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

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

```
    String id=jLabel4.getText();
```

```
    String name= jTextField1.getText();
```

```
    String opt1= jTextField2.getText();
```

```
    String opt2= jTextField3.getText();
```

```
    String opt3= jTextField4.getText();
```

```
    String opt4= jTextField5.getText();
```

```
    String answer= jTextField6.getText();
```

```
    try{
```

```
        Connection con=ConnectionProvider.getCon();
```

```
        PreparedStatement ps=con.prepareStatement("insert into question values (?, ?, ?, ?, ?, ?);");
```

```
        ps.setString(1, id);
```

```
        ps.setString(2, name);
```

```
        ps.setString(3, opt1);
```

```
        ps.setString(4, opt2);
```

```

        ps.setString(5, opt3);
        ps.setString(6, opt4);
        ps.setString(7, answer);
        ps.executeUpdate();
        JFrame jf=new JFrame();
        jf.setAlwaysOnTop(true);
        JOptionPane.showMessageDialog(jf,"Successfully Updated");
        setVisible(false);
        new addnewquestion().setVisible(true);

    }
    catch(Exception e)
    {
        JFrame jf=new JFrame();
        jf.setAlwaysOnTop(true);
        JOptionPane.showMessageDialog(jf, e);

    }

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    jTextField1.setText("");
    jTextField2.setText("");
    jTextField3.setText("");
    jTextField4.setText("");
    jTextField5.setText("");
    jTextField6.setText("");

}

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

    Adminhome.open=0;

    setVisible(false);

}

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

```



```
        java.util.logging.Logger.getLogger(addnewquestion.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 addnewquestion().setVisible(true);
    }
});
}
```

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

```
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
```

```

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

// End of variables declaration

}

```

#### 4. UpdateQuestion.java

The screenshot shows a Java Swing application window with a menu bar at the top containing icons and labels for 'Add new question', 'Update Question', 'All Questions', 'Delete Question', 'All Student Result', 'Logout', and 'Exit'. A modal dialog titled 'Update Question' is open in the center. The dialog has a yellow background and a red close button in the top right corner. Inside the dialog, there is a 'Question ID' label followed by a text input field and a 'Search' button. Below this are five more text input fields labeled 'Question', 'Option 1', 'Option 2', 'Option 3', and 'Option 4'. At the bottom of the dialog are two buttons: 'Update' and 'Clear'. The background of the application window shows a photograph of a building and a pool.

```

/*

```

```

 * 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.

```

```

 */

```

```

import java.sql.*;

```

```

import Project.ConnectionProvider;

```

```

import javax.swing.*;

```

```

/**

```

```

 *

```

```

 * @author nitis

```

```
*/
```

```
public class updateQuestion extends javax.swing.JFrame {
```

```
/**
```

```
 * Creates new form updateQuestion
```

```
*/
```

```
public updateQuestion() {
```

```
    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() {
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    jLabel2 = new javax.swing.JLabel();
```

```
    jButton1 = new javax.swing.JButton();
```

```
    jSeparator1 = new javax.swing.JSeparator();
```

```
    jLabel3 = new javax.swing.JLabel();
```

```
    jLabel4 = new javax.swing.JLabel();
```

```
    jLabel5 = new javax.swing.JLabel();
```

```
    jLabel6 = new javax.swing.JLabel();
```

```
    jLabel7 = new javax.swing.JLabel();
```

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

```
    jLabel9 = new javax.swing.JLabel();
```

```
    jTextField1 = new javax.swing.JTextField();
```

```
    jTextField2 = new javax.swing.JTextField();
```

```

jTextField3 = new javax.swing.JTextField();
jTextField4 = new javax.swing.JTextField();
jTextField5 = new javax.swing.JTextField();
jTextField6 = new javax.swing.JTextField();
jTextField7 = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();
jLabel10 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setAlwaysOnTop(true);
setLocation(new java.awt.Point(150, 183));
setUndecorated(true);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Update Question.png"))); // NOI18N
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(58, 23, -1, -1));

jLabel2.setFont(new java.awt.Font("Trebuchet MS", 1, 40)); // NOI18N
jLabel2.setText("Update Question");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(136, 23, 328, 60));

jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Close.png"))); // NOI18N
jButton1.setMargin(new java.awt.Insets(9, 14, 9, 14));
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(960, 10, -1, -1));
getContentPane().add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 96, 1066, 10));

```

```
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel3.setText("Question ID");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(63, 113, -1, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel4.setText("Question");
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(63, 174, -1, -1));

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel5.setText("Option 1");
getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(63, 232, -1, -1));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel6.setText("Option 2");
getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(63, 286, -1, -1));

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel7.setText("Option 3");
getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(63, 344, -1, -1));

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel8.setText("Option 4");
getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(63, 402, -1, -1));

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel9.setText("Answer");
getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(63, 451, -1, -1));

jTextField1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(311, 114, 99, -1));
```

```
jTextField2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(311, 171, 692, -1));

jTextField3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField3, new org.netbeans.lib.awtextra.AbsoluteConstraints(311, 229, 692, -1));

jTextField4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField4ActionPerformed(evt);
    }
});
getContentPane().add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(311, 283, 692, -1));

jTextField5.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(311, 341, 692, -1));

jTextField6.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField6ActionPerformed(evt);
    }
});
getContentPane().add(jTextField6, new org.netbeans.lib.awtextra.AbsoluteConstraints(311, 399, 692, -1));

jTextField7.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField7, new org.netbeans.lib.awtextra.AbsoluteConstraints(311, 448, 692, -1));

jButton2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/search.png"))); // NOI18N
jButton2.setText("Search");
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

```

    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(483, 113, -1, -1));


jButton3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/save.png"))); // NOI18N
jButton3.setText("Update");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(343, 492, -1, -1));


jButton4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/clear.png"))); // NOI18N
jButton4.setText("Clear");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

getContentPane().add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(614, 492, -1, -1));


jLabel10.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background admin.jpg"))); // NOI18N
getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, -10, -1, 560));


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

```

```
private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void jTextField6ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    Adminhome.open=0;  
    setVisible(false);  
}
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String id=jTextField1.getText();  
    try  
    {  
        Connection con=ConnectionProvider.getCon();  
        Statement st=con.createStatement();  
        ResultSet rs=st.executeQuery("Select *from question where id='"+id+"'");  
        if(rs.next())  
        {  
            jTextField2.setText(rs.getString(2));  
            jTextField3.setText(rs.getString(3));  
            jTextField4.setText(rs.getString(4));  
            jTextField5.setText(rs.getString(5));  
            jTextField6.setText(rs.getString(6));  
            jTextField7.setText(rs.getString(7));  
            jTextField1.setEditable(false);  
        }  
    }  
}
```



```

    }
    else
    {
        JFrame jf=new JFrame();
        jf.setAlwaysOnTop(true);
        JOptionPane.showMessageDialog(jf,"Question ID does not exist!");

    }
}
catch(Exception e)
{
    JFrame jf=new JFrame();
    jf.setAlwaysOnTop(true);
    JOptionPane.showMessageDialog(jf,e);
}
}

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String id=jTextField1.getText();
    String name=jTextField2.getText();
    String opt1=jTextField3.getText();
    String opt2=jTextField4.getText();
    String opt3=jTextField5.getText();
    String opt4=jTextField6.getText();
    String answer=jTextField7.getText();

    try
    {
        Connection con=ConnectionProvider.getCon();
    }
}

```

```

        PreparedStatement ps=con.prepareStatement("update question set
name=?,opt1=?,opt2=?,opt3=?,opt4=?,answer=? where id=?");

        ps.setString(1,name);
        ps.setString(2,opt1);
        ps.setString(3,opt2);
        ps.setString(4,opt3);
        ps.setString(5,opt4);
        ps.setString(6,answer);
        ps.setString(7,id);

        ps.executeUpdate();

        JFrame jf=new JFrame();

        jf.setAlwaysOnTop(true);

        JOptionPane.showMessageDialog(jf,"Successfully Updated");

        setVisible(false);

        new updateQuestion().setVisible(true);

    }

    catch(Exception e)

    {

        JFrame jf=new JFrame();

        jf.setAlwaysOnTop(true);

        JOptionPane.showMessageDialog(jf,e);

    }

}

```

```

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

```

```
textField1.setText("");
textField2.setText("");
textField3.setText("");
textField4.setText("");
textField5.setText("");
textField6.setText("");
textField7.setText("");
textField1.setEditable(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(updateQuestion.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

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

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

```
    } catch (IllegalAccessException ex) {
```

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

```
} catch (javax.swing.UnsupportedLookAndFeelException ex) {  
    java.util.logging.Logger.getLogger(updateQuestion.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 updateQuestion().setVisible(true);  
    }  
});  
}
```

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

```
private javax.swing.JButton jButton1;  
private javax.swing.JButton jButton2;  
private javax.swing.JButton jButton3;  
private javax.swing.JButton jButton4;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JSeparator jSeparator1;  
private javax.swing.JTextField jTextField1;  
private javax.swing.JTextField jTextField2;  
private javax.swing.JTextField jTextField3;
```

```

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

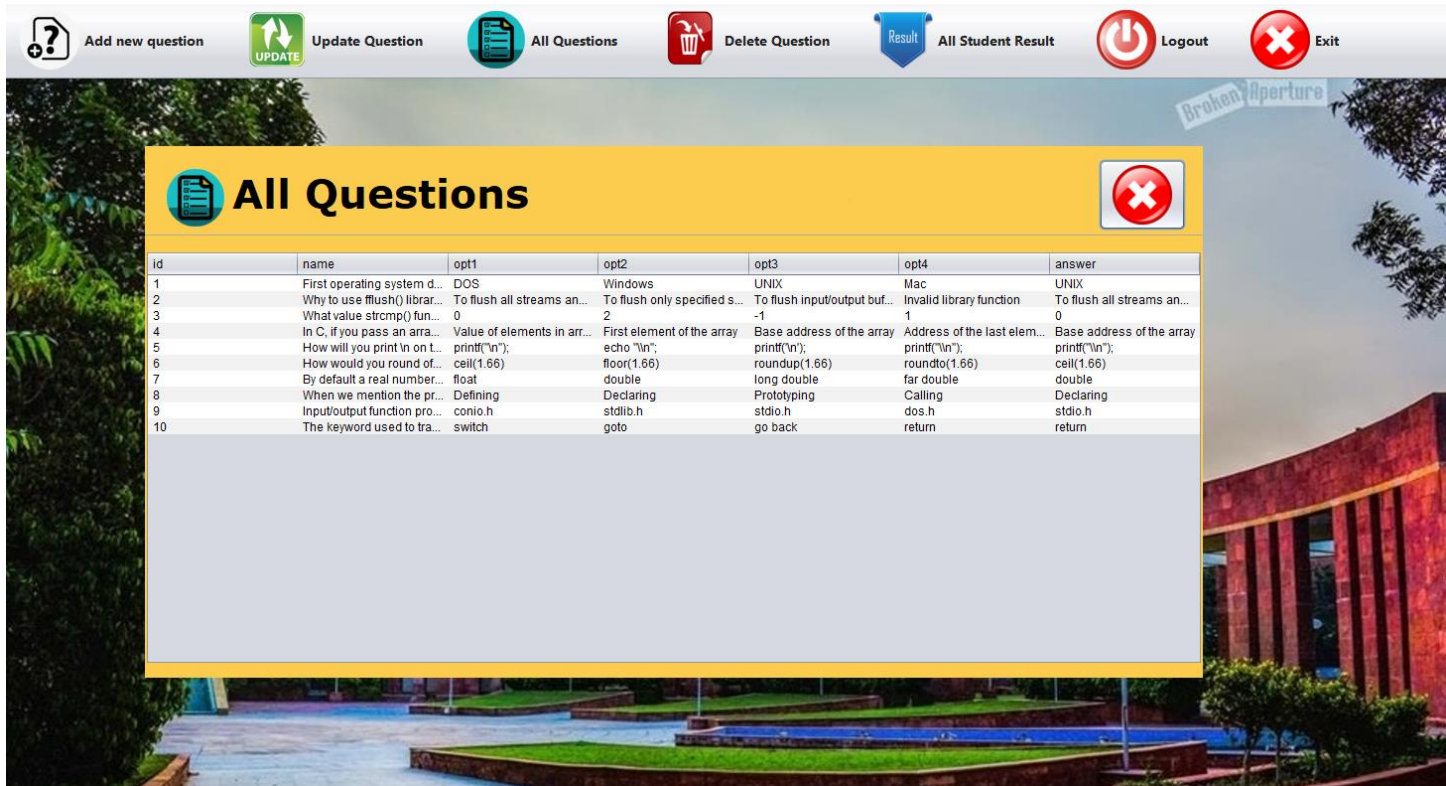
private javax.swing.JTextField jTextField7;

// End of variables declaration

}

```

## 5. AllQuestion.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.

```

*/

```

```

import java.sql.*;

import Project.ConnectionProvider;

import javax.swing.*;

import net.proteanit.sql.DbUtils;

/**

```

\*

\* @author nitis

\*/

public class allQuestion extends javax.swing.JFrame {

/\*\*

\* Creates new form allQuestion

\*/

public allQuestion() {

     initComponents();

     try

     {

         Connection con= ConnectionProvider.getCon();

         Statement st=con.createStatement();

         ResultSet rs=st.executeQuery("select \* from question");

         jTable1.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() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    jSeparator1 = new javax.swing.JSeparator();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jLabel3 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setAlwaysOnTop(true);
    setLocation(new java.awt.Point(150, 183));
    setUndecorated(true);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/all questions.png"))); // NOI18N
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(21, 22, -1, -1));

    jLabel2.setFont(new java.awt.Font("Verdana", 1, 40)); // NOI18N
    jLabel2.setText("All Questions");
    getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(88, 22, -1, -1));

    jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Close.png"))); // NOI18N
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(961, 13, -1, -1));
    getContentPane().add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 88, 1066, 10));
```

```

jTable1.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.setViewportView(jTable1);

getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 105, 1066, 417));

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background admin.jpg"))); //
NOI18N
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Adminhome.open=0;
    setVisible(false);
}

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

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

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

```
} catch (IllegalAccessException ex) {
```

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

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

```
    java.util.logging.Logger.getLogger(allQuestion.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 allQuestion().setVisible(true);
```

```
    }
```

```
});
```

```
}
```

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

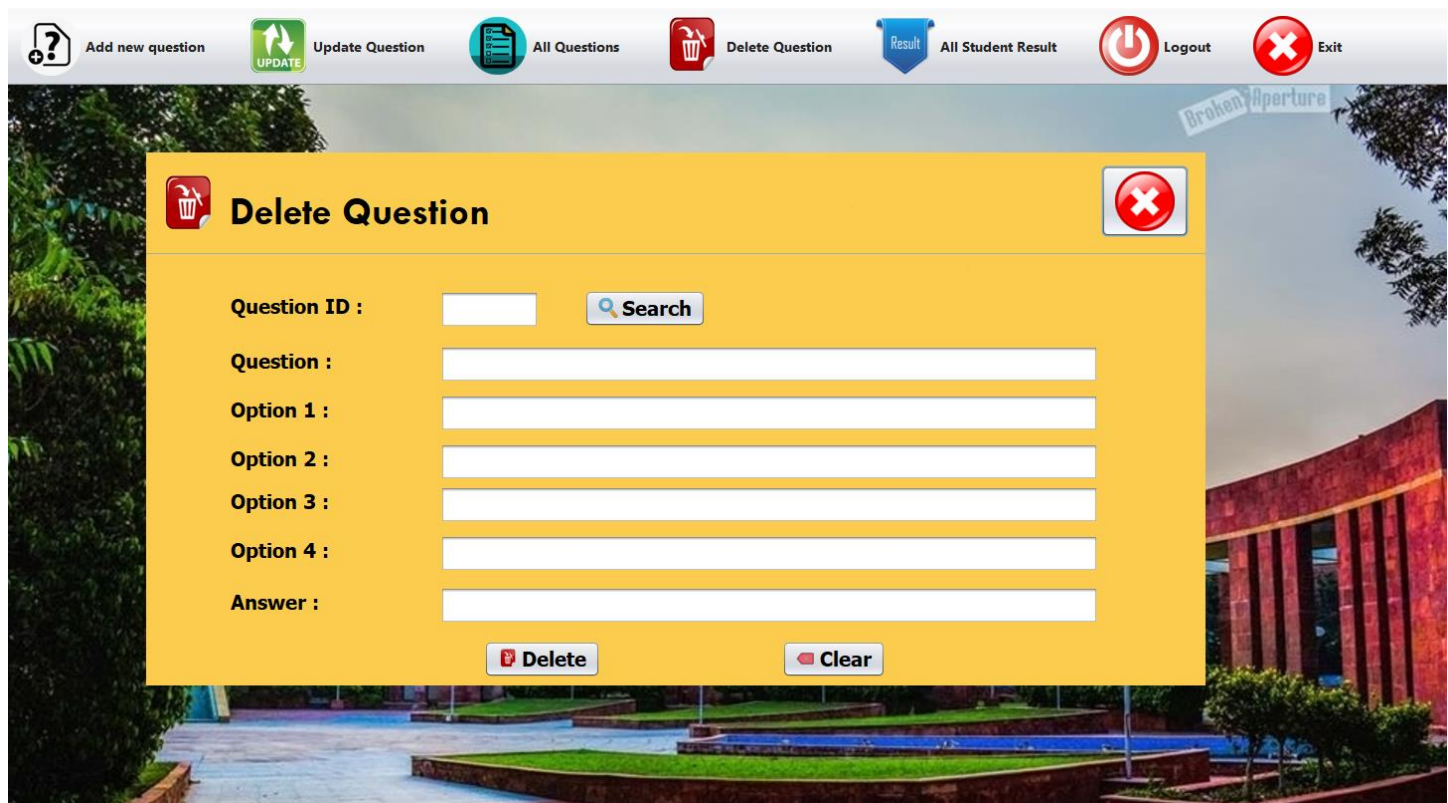
```

private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JTable jTable1;

// End of variables declaration
}

```

## 6. DeleteQuestion.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.

\*/

```
import java.sql.*;
```

```
import Project.ConnectionProvider;
```

```

import javax.swing.*;

/**
 *
 * @author nitis
 */
public class deleteQuestion extends javax.swing.JFrame {

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

        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jSeparator1 = new javax.swing.JSeparator();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        jLabel7 = new javax.swing.JLabel();
    }

```

```

jLabel8 = new javax.swing.JLabel();
jLabel9 = new javax.swing.JLabel();
jTextField1 = new javax.swing.JTextField();
jTextField2 = new javax.swing.JTextField();
jTextField3 = new javax.swing.JTextField();
jTextField4 = new javax.swing.JTextField();
jTextField5 = new javax.swing.JTextField();
jTextField6 = new javax.swing.JTextField();
jTextField7 = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
jButton5 = new javax.swing.JButton();
jButton6 = new javax.swing.JButton();
jLabel10 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setAlwaysOnTop(true);
setLocation(new java.awt.Point(150, 183));
setUndecorated(true);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/delete Question.png"))); // NOI18N
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(12, 22, -1, -1));

jLabel2.setFont(new java.awt.Font("Tw Cen MT", 1, 40)); // NOI18N
jLabel2.setText("Delete Question");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(84, 37, -1, -1));

jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Close.png"))); // NOI18N
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
}

```

```
});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(961, 13, -1, -1));

getContentPane().add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 100, 1066, 10));


jLabel3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel3.setText("Question ID :");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 142, -1, -1));


jLabel4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel4.setText("Question :");
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 197, -1, -1));


jLabel5.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel5.setText("Option 1 :");
getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 246, -1, -1));


jLabel6.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel6.setText("Option 2 :");
getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 295, -1, -1));


jLabel7.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel7.setText("Option 3 :");
getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 338, -1, -1));


jLabel8.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel8.setText("Option 4 :");
getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 387, -1, -1));


jLabel9.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel9.setText("Answer :");
getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 439, -1, -1));
```

```

jTextField1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField1ActionPerformed(evt);
    }
});

getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(296, 139, 99, -1));


jTextField2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(296, 194, 662, -1));


jTextField3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField3, new org.netbeans.lib.awtextra.AbsoluteConstraints(296, 243, 662, -1));


jTextField4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(296, 292, 662, -1));


jTextField5.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(296, 335, 662, -1));


jTextField6.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField6, new org.netbeans.lib.awtextra.AbsoluteConstraints(296, 384, 662, -1));


jTextField7.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField7, new org.netbeans.lib.awtextra.AbsoluteConstraints(296, 436, 662, -1));


jButton2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/search.png"))); // NOI18N
jButton2.setText("Search");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

```

```

    }

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(441, 138, -1, -1));


jButton5.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/delete.png"))); // NOI18N
jButton5.setText("Delete");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

getContentPane().add(jButton5, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 490, -1, -1));


jButton6.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/clear.png"))); // NOI18N
jButton6.setText("Clear");
jButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(evt);
    }
});

getContentPane().add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(640, 490, -1, -1));


jLabel10.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background admin.jpg"))); //
NOI18N

getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));


pack();

} // </editor-fold>


private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

```

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

```
}
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
```

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

```
Adminhome.open=0;
```

```
setVisible(false);
```

```
}
```

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

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

```
String id=jTextField1.getText();
```

```
try
```

```
{
```

```
    Connection con=ConnectionProvider.getCon();
```

```
    Statement st=con.createStatement();
```

```
    ResultSet rs=st.executeQuery("Select *from question where id='"+id+"'");
```

```
    if(rs.next())
```

```
    {
```

```
        jTextField2.setText(rs.getString(2));
```

```
        jTextField3.setText(rs.getString(3));
```

```
        jTextField4.setText(rs.getString(4));
```

```
        jTextField5.setText(rs.getString(5));
```

```
        jTextField6.setText(rs.getString(6));
```

```
        jTextField7.setText(rs.getString(7));
```

```
        jTextField1.setEditable(false);
```

```
    }
```

```
else
```

```
{
```

```
    JFrame jf=new JFrame();
```



```

        jf.setAlwaysOnTop(true);

        JOptionPane.showMessageDialog(jf,"Question ID does not exist!");

    }
}
catch(Exception e)
{
    JFrame jf=new JFrame();

    jf.setAlwaysOnTop(true);

    JOptionPane.showMessageDialog(jf,e);
}
}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String id=jTextField1.getText();

    try
    {
        Connection con=ConnectionProvider.getCon();

        PreparedStatement ps=con.prepareStatement("Delete from question where id=?");

        ps.setString(1,id);

        ps.executeUpdate();

        JFrame jf=new JFrame();

        jf.setAlwaysOnTop(true);

        JOptionPane.showMessageDialog(jf,"Successfully Deleted");

        setVisible(false);

        new deleteQuestion().setVisible(true);
    }
}

```

```

    }
    catch(Exception e)
    {
        JFrame jf=new JFrame();
        jf.setAlwaysOnTop(true);
        JOptionPane.showMessageDialog(jf,e);

    }

}

```

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    jTextField1.setText("");
    jTextField2.setText("");
    jTextField3.setText("");
    jTextField4.setText("");
    jTextField5.setText("");
    jTextField6.setText("");
    jTextField7.setText("");
    jTextField1.setEditable(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(deleteQuestion.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(deleteQuestion.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(deleteQuestion.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(deleteQuestion.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 deleteQuestion().setVisible(true);
    }
});
}

```

// Variables declaration - do not modify

```


private javax.swing.JButton jButton1;

```


```
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField jTextField5;
private javax.swing.JTextField jTextField6;
private javax.swing.JTextField jTextField7;


// End of variables declaration
}
```

## **7. StudentDetails.java**


**Fill up the form**

Date21-11-2020


Back



Roll Number

Name

Father's Name

Mother's Name

Gender

Male

Contact Number

Email

10th

Enter University Name

Enter Percentage

Enter Passout Year

12th

Enter University Name

Enter Percentage

Enter Passout Year

Address

Examination Management system is managing allthe activities related to examination management right from receipt of enrollment forms and examination forms through the processing of results and certificates and grading reports.

Save and Next

```

/*
 * 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 nitis
 */
import java.awt.Color;
import java.sql.*;
import Project.ConnectionProvider;
import javax.swing.*;
import java.util.Date;
import java.text.SimpleDateFormat;
public class studentDetails extends javax.swing.JFrame {

```

```

/**
 * Creates new form studentDetails
 */
public studentDetails() {
    initComponents();
    jTextArea1.setEditable(false);
    SimpleDateFormat dFormat=new SimpleDateFormat("dd-MM-yyyy");
    Date date=new Date();
    jLabel4.setText(dFormat.format(date));
}

```

```
}
```

```
/**
```

```
 * This method is called from within the constructor to initialize the form.
```

```
 * WARNING: Do NOT modify this code. The content of this method is always
```

```
 * regenerated by the Form Editor.
```

```
 */
```

```
@SuppressWarnings("unchecked")
```

```
// <editor-fold defaultstate="collapsed" desc="Generated Code">
```

```
private void initComponents() {
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    jLabel2 = new javax.swing.JLabel();
```

```
    jLabel3 = new javax.swing.JLabel();
```

```
    jLabel4 = new javax.swing.JLabel();
```

```
    jButton1 = new javax.swing.JButton();
```

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

```
    jSeparator1 = new javax.swing.JSeparator();
```

```
    jLabel5 = new javax.swing.JLabel();
```

```
    jLabel6 = new javax.swing.JLabel();
```

```
    jLabel7 = new javax.swing.JLabel();
```

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

```
    jLabel9 = new javax.swing.JLabel();
```

```
    jLabel10 = new javax.swing.JLabel();
```

```
    jLabel11 = new javax.swing.JLabel();
```

```
    jLabel12 = new javax.swing.JLabel();
```

```
    jLabel13 = new javax.swing.JLabel();
```

```
    jLabel14 = new javax.swing.JLabel();
```

```
    jTextField1 = new javax.swing.JTextField();
```

```
    jTextField2 = new javax.swing.JTextField();
```

```
    jTextField3 = new javax.swing.JTextField();
```

```
    jTextField4 = new javax.swing.JTextField();
```

```
    jTextField5 = new javax.swing.JTextField();
```

```
    jTextField6 = new javax.swing.JTextField();
```

```
    jTextField7 = new javax.swing.JTextField();
```

```
    jTextField8 = new javax.swing.JTextField();
```

```
    jTextField9 = new javax.swing.JTextField();
```

```
    jComboBox1 = new javax.swing.JComboBox<>();
```

```
    jTextField10 = new javax.swing.JTextField();
```

```
    jTextField11 = new javax.swing.JTextField();
```

```
    jTextField12 = new javax.swing.JTextField();
```

```
    jTextField13 = new javax.swing.JTextField();
```

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

```
    jScrollPane1 = new javax.swing.JScrollPane();
```

```
    jTextArea1 = new javax.swing.JTextArea();
```

```
    jLabel15 = new javax.swing.JLabel();
```

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

```
    setUndecorated(true);
```

```

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/index student.png"))); // NOI18N
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 35, -1, -1));

jLabel2.setFont(new java.awt.Font("Tw Cen MT", 1, 40)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 0, 0));
jLabel2.setText("Fill up the form");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(117, 50, -1, -1));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel3.setText("Date");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(620, 60, -1, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel4.setText("jLabel4");
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(850, 60, -1, -1));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/back student.png"))); // NOI18N
jButton1.setText("Back");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(1010, 30, -1, -1));

jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Close.png"))); // NOI18N
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(1220, 30, -1, -1));
getContentPane().add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 105, 1610, 10));

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel5.setText("Roll Number");
getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 136, -1, -1));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel6.setText("Name");
getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 185, -1, -1));

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel7.setText("Father's Name");
getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 239, -1, -1));

```

```
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel8.setText("Mother's Name");
getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 288, -1, -1));

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel9.setText("Gender");
getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 337, -1, -1));

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel10.setText("Contact Number");
getContentPane().add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 389, -1, -1));

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel11.setText("Email");
getContentPane().add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 438, -1, -1));

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel12.setText("10th");
getContentPane().add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 487, -1, -1));

jLabel13.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel13.setText("12th");
getContentPane().add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 543, -1, -1));

jLabel14.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel14.setText("Address");
getContentPane().add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 586, -1, -1));

jTextField1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 130, 300, -1));

jTextField2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 180, 300, -1));

jTextField3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField3, new org.netbeans.lib.awtextra.AbsoluteConstraints(263, 236, 300, -1));

jTextField4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(263, 285, 300, -1));

jTextField5.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 390, 300, -1));

jTextField6.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField6, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 440, 300, -1));

jTextField7.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField7.setForeground(new java.awt.Color(204, 204, 204));
jTextField7.setText("Enter University Name");
```



```

jTextField7.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField7FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField7FocusLost(evt);
    }
});
getContentPane().add(jTextField7, new org.netbeans.lib.awtextra.AbsoluteConstraints(258, 487, 300, -1));

jTextField8.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField8.setForeground(new java.awt.Color(204, 204, 204));
jTextField8.setText("Enter Percentage");
jTextField8.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField8FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField8FocusLost(evt);
    }
});
getContentPane().add(jTextField8, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 490, 300, -1));

jTextField9.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField9.setForeground(new java.awt.Color(204, 204, 204));
jTextField9.setText("Enter Passout Year");
jTextField9.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField9FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField9FocusLost(evt);
    }
});
getContentPane().add(jTextField9, new org.netbeans.lib.awtextra.AbsoluteConstraints(930, 490, 300, -1));

jComboBox1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>("Male", "Female",
"Others" ));
getContentPane().add(jComboBox1, new org.netbeans.lib.awtextra.AbsoluteConstraints(263, 334, 300, -1));

jTextField10.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField10.setForeground(new java.awt.Color(204, 204, 204));
jTextField10.setText("Enter University Name");
jTextField10.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField10FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {

```

```

        jTextField10FocusLost(evt);
    }
});
getContentPane().add(jTextField10, new org.netbeans.lib.awtextra.AbsoluteConstraints(258, 536, 300, -1));

jTextField11.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField11.setForeground(new java.awt.Color(204, 204, 204));
jTextField11.setText("Enter Percentage");
jTextField11.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField11FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField11FocusLost(evt);
    }
});
getContentPane().add(jTextField11, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 540, 300, -1));

jTextField12.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField12.setForeground(new java.awt.Color(204, 204, 204));
jTextField12.setText("Enter Passout Year");
jTextField12.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField12FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField12FocusLost(evt);
    }
});
getContentPane().add(jTextField12, new org.netbeans.lib.awtextra.AbsoluteConstraints(930, 540, 300, -1));

jTextField13.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
getContentPane().add(jTextField13, new org.netbeans.lib.awtextra.AbsoluteConstraints(258, 585, 970, -1));

jButton3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/save.png"))); // NOI18N
jButton3.setText(" Save and Next");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(270, 680, 866, -1));

jTextArea1.setColumns(20);
jTextArea1.setFont(new java.awt.Font("Monospaced", 1, 30)); // NOI18N
jTextArea1.setLineWrap(true);
jTextArea1.setRows(5);

```

```
        JTextArea1.setText("Examination Management system is managing all the activities related to examination management right from receipt of enrollment forms and examination forms through the processing of results and certificates and grading reports.");
        JTextArea1.setWrapStyleWord(true);
        JScrollPane1.setViewportViewView(JTextArea1);
```

```
        getContentPane().add(JScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 130, 720, 340));
```

```
        JLabel15.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background student.jpg"))); // NOI18N
```

```
        getContentPane().add(JLabel15, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));
```

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

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new index().setVisible(true);
}
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    int a = JOptionPane.showConfirmDialog(null, "Do you really want to exit application", "Select", JOptionPane.YES_NO_OPTION);
    if(a==0)
    {
        System.exit(0);
    }
}
```

```
private void jTextField7FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField7.getText().equals("Enter University Name"))
    {
        jTextField7.setText("");
        jTextField7.setForeground(new Color(0,0,0));
    }
}
```

```
private void jTextField10FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField10.getText().equals("Enter University Name"))
    {
        jTextField10.setText("");
    }
}
```

```
        jTextField10.setForeground(new Color(0,0,0));

    }
}

private void jTextField8FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField8.getText().equals("Enter Percentage"))
    {
        jTextField8.setText("");
        jTextField8.setForeground(new Color(0,0,0));

    }

}

private void jTextField11FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField11.getText().equals("Enter Percentage"))
    {
        jTextField11.setText("");
        jTextField11.setForeground(new Color(0,0,0));

    }

}

private void jTextField9FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField9.getText().equals("Enter Passout Year"))
    {
        jTextField9.setText("");
        jTextField9.setForeground(new Color(0,0,0));

    }

}

private void jTextField12FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField12.getText().equals("Enter Passout Year"))
    {
        jTextField12.setText("");
        jTextField12.setForeground(new Color(0,0,0));

    }

}
```

```
}
```

```
private void jTextField7FocusLost(java.awt.event.FocusEvent evt) {  
    // TODO add your handling code here:  
    if(jTextField7.getText().equals(""))  
    {  
        jTextField7.setText("Enter University Name");  
        jTextField7.setForeground(new Color(153,153,153));  
    }  
}
```

```
}  
}
```

```
private void jTextField10FocusLost(java.awt.event.FocusEvent evt) {  
    // TODO add your handling code here:  
    if(jTextField10.getText().equals(""))  
    {  
        jTextField10.setText("Enter University Name");  
        jTextField10.setForeground(new Color(153,153,153));  
    }  
}
```

```
}  
}
```

```
private void jTextField8FocusLost(java.awt.event.FocusEvent evt) {  
    // TODO add your handling code here:  
    if(jTextField8.getText().equals(""))  
    {  
        jTextField8.setText("Enter Percentage");  
        jTextField8.setForeground(new Color(153,153,153));  
    }  
}
```

```
}  
}
```

```
private void jTextField11FocusLost(java.awt.event.FocusEvent evt) {  
    // TODO add your handling code here:  
    if(jTextField11.getText().equals(""))  
    {  
        jTextField11.setText("Enter Percentage");  
        jTextField11.setForeground(new Color(153,153,153));  
    }  
}
```

```
}  
}
```

```
private void jTextField9FocusLost(java.awt.event.FocusEvent evt) {  
    // TODO add your handling code here:  
    if(jTextField9.getText().equals(""))
```

```

{
    jTextField9.setText("Enter Passout Year");
    jTextField9.setForeground(new Color(153,153,153));

}
}

```

```

private void jTextField12FocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField12.getText().equals(""))
    {
        jTextField12.setText("Enter Passout Year");
        jTextField12.setForeground(new Color(153,153,153));

    }
}

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String rollNo=jTextField1.getText();
    String name=jTextField2.getText();
    String fatherName=jTextField3.getText();
    String motherName=jTextField4.getText();
    String gender=(String)jComboBox1.getSelectedItem();
    String contactNo=jTextField5.getText();
    String email=jTextField6.getText();
    String tenthUniversityName=jTextField7.getText();
    String tenthPercentage=jTextField8.getText();
    String tenthPassoutYear=jTextField9.getText();
    String twelveUniversityName=jTextField10.getText();
    String twelvePercentage=jTextField11.getText();
    String twelvePassoutYear=jTextField12.getText();
    String address=jTextField13.getText();
    String marks="0";

```

```

try
{
    Connection con=ConnectionProvider.getCon();
    PreparedStatement ps=con.prepareStatement("insert into student values (?,?,?,?,?,?,?,?,?,?,?,?,?)");
    ps.setString(1,rollNo);
    ps.setString(2,name);
    ps.setString(3,fatherName);
    ps.setString(4,motherName);
    ps.setString(5,gender);
    ps.setString(6,contactNo);
    ps.setString(7,email);

```

```

        ps.setString(8,tenthUniversityName);
        ps.setString(9,tenthPercentage);
        ps.setString(10,tenthPassoutYear);
        ps.setString(11,twelveUniversityName);
        ps.setString(12,twelvePercentage);
        ps.setString(13,twelvePassoutYear);
        ps.setString(14,address);
        ps.setString(15,marks);
        ps.executeUpdate();
        setVisible(false);
        new InstructionStudent(rollNo).setVisible(true);

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

```

```

        java.util.logging.Logger.getLogger(studentDetails.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 studentDetails().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JComboBox<String> jComboBox1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField10;
private javax.swing.JTextField jTextField11;
private javax.swing.JTextField jTextField12;
private javax.swing.JTextField jTextField13;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField jTextField5;
private javax.swing.JTextField jTextField6;
private javax.swing.JTextField jTextField7;
private javax.swing.JTextField jTextField8;
private javax.swing.JTextField jTextField9;

```



```
// End of variables declaration  
}
```

## 8. InstructionPage.java



# Instruction

During the exam.

1. The student may not use his or her textbook, course notes, or receive help from a proctor or any other outside source.
2. Students must complete the 10-question multiple-choice exam within the 10-minute time frame allotted for the exam.
3. Students must not stop the session and then return to it. This is especially important in the online environment where the system will "time-out" and not allow the student or you to reenter the exam.

Number of Question:10

Exam Duration: 10 min

All the Best !

**START QUIZ/EXAM**

```
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 nitis
```

```
 */
```

```
public class InstructionStudent extends javax.swing.JFrame {
```

```

public String rollNo;

/**
 * Creates new form InstructionStudent
 */
public InstructionStudent() {
    initComponents();
}

public InstructionStudent(String rollNo1) {
    initComponents();
    jTextArea1.setEditable(false);
    rollNo=rollNo1;
}

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

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jSeparator1 = new javax.swing.JSeparator();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTextArea1 = new javax.swing.JTextArea();
    jButton1 = new javax.swing.JButton();
    jLabel3 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

```

```
setUndecorated(true);

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```
jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/index student.png"))); // NOI18N
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(23, 13, -1, -1));
```

```
jLabel2.setFont(new java.awt.Font("Tw Cen MT", 1, 60)); // NOI18N
jLabel2.setText("Instruction");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(95, 13, -1, -1));
getContentPane().add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 84, 1366, 10));
```

```
jTextArea1.setColumns(20);
jTextArea1.setFont(new java.awt.Font("Monospaced", 1, 25)); // NOI18N
jTextArea1.setLineWrap(true);
jTextArea1.setRows(5);
```

```
jTextArea1.setText("During the exam.\n\n1. The student may not use his or her textbook, course notes, or\nreceive help from a proctor or any other outside source.\n\n2.Students must complete the 10-question multiple-\nchoice exam within the 10-minute time frame allotted for the exam.\n\n3.Students must not stop the session and\nthen return to it. This is especially important in the online environment where the system will \"time-out\" and not\nallow the student or you to reenter the exam.\n\nNumber of Question:10 \nExam Duration: 10 min \nAll the Best\n!");
```

```
jTextArea1.setWrapStyleWord(true);
jScrollPane1.setViewportView(jTextArea1);
```

```
getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(23, 101, 1321, 530));
```

```
jButton1.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
jButton1.setText("START QUIZ/EXAM");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(451, 680, -1, -1));
```

```

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background student.jpg"))); //
NOI18N

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new quizExamStudent(rollNo).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(InstructionStudent.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(InstructionStudent.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(InstructionStudent.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(InstructionStudent.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 InstructionStudent().setVisible(true);
    }
});
}


```

```

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JTextArea jTextArea1;
// End of variables declaration
}

```

## 9. quizExamStudent.java



**WELCOME**

Date: 21-11-2020

Total Time: 10 min  
Time Taken: 07

**Roll Number :** sdsa  
**Name :** sdas  
**Total Questions :** 10  
**Question Number :** 1  
**Your Marks :** 00

**First operating system designed using C programming language**  
☐ DOS  
☐ Windows  
☐ UNIX  
☐ Mac

```
/*  
 * 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.  
 */  
  
import Project.ConnectionProvider;  
import javax.swing.*.*;  
import java.sql.*;  
import java.awt.event.ActionEvent;  
import java.awt.event.ActionListener;  
import java.text.SimpleDateFormat;  
import java.util.Date;  
  
/**  
 *  
 * @author nitis
```

```

*/

public class quizExamStudent extends javax.swing.JFrame {

    public String questionId="1";

    public String answer;

    public int min=0;

    public int sec=0;

    public int marks =0;


    public void answerCheck()
    {
        String studentAnswer="";

        if(jRadioButton1.isSelected())
        {
            studentAnswer=jRadioButton1.getText();

        }

        else if(jRadioButton2.isSelected())
        {
            studentAnswer=jRadioButton2.getText();

        }

        else if(jRadioButton3.isSelected())
        {
            studentAnswer=jRadioButton3.getText();

        }

        else if(jRadioButton4.isSelected())
        {
            studentAnswer=jRadioButton4.getText();

        }


        if(studentAnswer.equals(answer))
    }

```

```

{
    marks=marks+1;

    String marks1 = String.valueOf(marks);
    jLabel19.setText(marks1);

}

//question number change
int questionId1=Integer.parseInt(questionId);
questionId1=questionId1+1;
questionId=String.valueOf(questionId1);

//clear jRadioButton
jRadioButton1.setSelected(false);
jRadioButton2.setSelected(false);
jRadioButton3.setSelected(false);
jRadioButton4.setSelected(false);

//last question hide next button

if(questionId.equals("10"))
{
    jButton1.setVisible(false);

}

}

public void question()
{
    try

```



```

{
    Connection con=ConnectionProvider.getCon();
    Statement st=con.createStatement();

    ResultSet rs1= st.executeQuery("select * from question where id='"+questionId+"'");
    while(rs1.next())
    {
        jLabel17.setText(rs1.getString(1));
        jLabel20.setText(rs1.getString(2));
        jButton1.setText(rs1.getString(3));
        jButton2.setText(rs1.getString(4));
        jButton3.setText(rs1.getString(5));
        jButton4.setText(rs1.getString(6));
        answer=rs1.getString(7);

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

}
}

```

```

public void submit()
{
    String rollNo=jLabel11.getText();
    answerCheck();
    try
    {
        Connection con=ConnectionProvider.getCon();
        Statement st=con.createStatement();
    }
}

```

```
st.executeUpdate("update student set marks='"+marks+"'where rollNo='"+rollNo+"'");
```

```
String marks1= String.valueOf(marks);
```

```
setVisible(false);
```

```
new successfullySubmitted(marks1).setVisible(true);
```

```
}
```

```
catch(Exception e)
```

```
{
```

```
    JOptionPane.showMessageDialog(null,e);
```

```
}
```

```
}
```

```
/**
```

```
 * Creates new form quizExamStudent
```

```
 */
```

```
public quizExamStudent() {
```

```
    initComponents();
```

```
}
```

```
Timer time;
```

```
public quizExamStudent(String rollNo) {
```

```
    initComponents();
```

```
    jLabel11.setText(rollNo);
```

```
//Date
```

```
SimpleDateFormat dFormat=new SimpleDateFormat("dd-MM-yyyy");
```

```
Date date=new Date();
```

```
jLabel4.setText(dFormat.format(date));
```

```
//First question and student details
```

```
try
```

```

{
    Connection con=ConnectionProvider.getCon();
    Statement st=con.createStatement();
    ResultSet rs=st.executeQuery("select * from student where rollNo='"+rollNo+"'");
    while(rs.next())
    {
        jLabel13.setText(rs.getString(2));

    }
    ResultSet rs1= st.executeQuery("select * from question where id='"+questionId+"'");
    while(rs1.next())
    {
        jLabel17.setText(rs1.getString(1));
        jLabel20.setText(rs1.getString(2));
        jButton1.setText(rs1.getString(3));
        jButton2.setText(rs1.getString(4));
        jButton3.setText(rs1.getString(5));
        jButton4.setText(rs1.getString(6));
        answer=rs1.getString(7);

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

}

setLocationRelativeTo(this);
time=new Timer(1000, new ActionListener(){

```

@Override

```

        public void actionPerformed(ActionEvent e) {

            jLabel9.setText(String.valueOf(sec));
            jLabel8.setText(String.valueOf(min));

            if(sec==60)
            {
                sec=0;
                min++;
                if(min==10)
                {
                    time.stop();
                    answerCheck();
                    submit();
                }
            }
            sec++;
        }
    });

    time.start();
}

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

    jPanel1 = new javax.swing.JPanel();

```

```
jLabel1 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jLabel9 = new javax.swing.JLabel();
jPanel2 = new javax.swing.JPanel();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
jLabel12 = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
jLabel14 = new javax.swing.JLabel();
jLabel15 = new javax.swing.JLabel();
jLabel16 = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
jLabel18 = new javax.swing.JLabel();
jLabel19 = new javax.swing.JLabel();
jLabel20 = new javax.swing.JLabel();
jRadioButton1 = new javax.swing.JRadioButton();
jRadioButton2 = new javax.swing.JRadioButton();
jRadioButton3 = new javax.swing.JRadioButton();
jRadioButton4 = new javax.swing.JRadioButton();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jLabel21 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```
jPanel1.setBackground(new java.awt.Color(51, 255, 255));
```

```
jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/index student.png"))); // NOI18N
```

```
jLabel2.setFont(new java.awt.Font("Tw Cen MT", 1, 50)); // NOI18N
```

```
jLabel2.setText("WELCOME");
```

```
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel3.setText("Date:");
```

```
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel4.setText("jLabel4");
```

```
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel5.setText("Total Time:");
```

```
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel6.setText("10 min");
```

```
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel7.setText("Time Taken:");
```

```
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel8.setForeground(new java.awt.Color(255, 51, 51));
```

```
jLabel8.setText("00");
```

```
jLabel9.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel9.setForeground(new java.awt.Color(255, 51, 51));
```

```
jLabel9.setText("00");
```

```
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)
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jLabel2)
            .addGap(20, 20, 20)
            .addComponent(jLabel3)
            .addGap(10, 10, 10)
            .addComponent(jLabel4)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel5)
                .addComponent(jLabel7))
            .addGap(10, 10, 10)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel6)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jLabel8)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .addComponent(jLabel9)))
            .addGap(30, 30, 30))
        .addGap(40, 40, 40))
);
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(jLabel1)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .addComponent(jLabel2)
                    .addGap(20, 20, 20)
                    .addComponent(jLabel3)
                    .addGap(10, 10, 10)
                    .addComponent(jLabel4)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jLabel5)
                        .addComponent(jLabel7))
                    .addGap(10, 10, 10)
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jLabel6)
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addComponent(jLabel8)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                            .addComponent(jLabel9)))
                    .addGap(30, 30, 30))
                .addGap(40, 40, 40))
            .addGap(10, 10, 10))
);
```

```

        .addComponent(jLabel5)
        .addComponent(jLabel6))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel7)
        .addComponent(jLabel8)
        .addComponent(jLabel9)))
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel2)
        .addComponent(jLabel3)
        .addComponent(jLabel4))
        .addComponent(jLabel1))
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(0, 0, Short.MAX_VALUE)))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );

```

```

getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

```

```

jPanel2.setBackground(new java.awt.Color(51, 255, 255));

```

```

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

```

```

jLabel10.setText("Roll Number :");

```

```

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

```

```

jLabel11.setText("jLabel11");

```

```

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

```

```

jLabel12.setText("Name :");

```



```
jLabel13.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel13.setText("jLabel13");
```

```
jLabel14.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel14.setText("Total Questions :");
```

```
jLabel15.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel15.setText("10");
```

```
jLabel16.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel16.setText("Question Number :");
```

```
jLabel17.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel17.setText("00");
```

```
jLabel18.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel18.setText("Your Marks :");
```

```
jLabel19.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
```

```
jLabel19.setText("00");
```

```
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(24, 24, 24)
```

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

```
                .addGroup(jPanel2Layout.createSequentialGroup()
```

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

```
                        .addComponent(jLabel10)
```

```
                        .addComponent(jLabel14)
```

```

        .addComponent(jLabel16)
        .addComponent(jLabel18))
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(23, 23, 23)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel19)
                .addComponent(jLabel17)
                .addComponent(jLabel15)))
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(23, 23, 23)
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel11)))
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(23, 23, 23)
                .addComponent(jLabel12)
                .addGap(56, 56, 56)
                .addComponent(jLabel13)))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(69, 69, 69)
            .addComponent(jLabel11)))
    );

jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(23, 23, 23)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel19)
                .addComponent(jLabel17)
                .addComponent(jLabel15))
            .addGap(23, 23, 23)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel11))
            .addGap(23, 23, 23)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel12)
                .addGap(56, 56, 56)
                .addComponent(jLabel13))
            .addGap(69, 69, 69)
            .addComponent(jLabel11))
    );

```

```

        .addComponent(jLabel15))
    .addGap(31, 31, 31)
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel16)
        .addComponent(jLabel17))
    .addGap(32, 32, 32)
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel18)
        .addComponent(jLabel19))
    .addContainerGap(362, Short.MAX_VALUE))
);

getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 70, -1, 700));

jLabel20.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel20.setText("Question Demo?");
getContentPane().add(jLabel20, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 140, -1, -1));

jRadioButton1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jRadioButton1.setText("jRadioButton1");
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});

getContentPane().add(jRadioButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 220, -1, -1));

jRadioButton2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jRadioButton2.setText("jRadioButton2");
jRadioButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton2ActionPerformed(evt);
    }
});

```

```

    }
});

getContentPane().add(jRadioButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 320, -1, -1));

jRadioButton3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jRadioButton3.setText("jRadioButton3");
jRadioButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton3ActionPerformed(evt);
    }
});

getContentPane().add(jRadioButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 410, -1, -1));

jRadioButton4.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jRadioButton4.setText("jRadioButton4");
jRadioButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton4ActionPerformed(evt);
    }
});

getContentPane().add(jRadioButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 510, -1, -1));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Next.png"))); // NOI18N
jButton1.setText("Next");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(540, 660, -1, -1));

```

```

jButton2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/save.png"))); // NOI18N
jButton2.setText("Submit");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(1050, 660, -1, -1));

jLabel21.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background student.jpg"))); //
NOI18N
getContentPane().add(jLabel21, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

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

```

```

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

```

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    int a=JOptionPane.showConfirmDialog(null,"Do you really want to
Submit","Select",JOptionPane.YES_NO_OPTION);
    if(a==0)
    {
        answerCheck();
        submit();
    }
}

```

```
}
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
```

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

```
    if(jRadioButton1.isSelected())
```

```
    {
```

```
        jButton2.setSelected(false);
```

```
        jButton3.setSelected(false);
```

```
        jButton4.setSelected(false);
```

```
    }
```

```
}
```

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

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

```
    if(jRadioButton2.isSelected())
```

```
    {
```

```
        jButton1.setSelected(false);
```

```
        jButton3.setSelected(false);
```

```
        jButton4.setSelected(false);
```

```
    }
```

```
}
```

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

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

```
    if(jRadioButton3.isSelected())
```

```
    {
```

```
        jButton2.setSelected(false);
```

```
        jButton1.setSelected(false);
```

```
        jButton4.setSelected(false);
```

```
}  
}
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
```

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

```
    if(jRadioButton4.isSelected())
```

```
    {
```

```
        jButton2.setSelected(false);
```

```
        jButton3.setSelected(false);
```

```
        jButton1.setSelected(false);
```

```
    }
```

```
}
```

```
/**
```

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

```

```

// Variables declaration - do not modify

```

```

private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel16;

```



```
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel20;
private javax.swing.JLabel jLabel21;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JRadioButton jButton1;
private javax.swing.JRadioButton jButton2;
private javax.swing.JRadioButton jButton3;
private javax.swing.JRadioButton jButton4;
// End of variables declaration
}
```

## 10. SuccessfullySubmitted.java



**Marks Obtained : 0**

**Successfully Updated**

```
/*
```

```
* 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 nitis
```

```
*/
```

```
public class successfullySubmitted extends javax.swing.JFrame {
```

```
/**
```

```
* Creates new form successfullySubmitted
```

```
*/
```

```
public successfullySubmitted() {
```

```
    initComponents();
```

```
}
```

```
public successfullySubmitted(String marks) {  
    initComponents();  
    String marks1="Marks Obtained : " + marks;  
    jLabel1.setText(marks1);
```

```
}
```

```
/**
```

```
* 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() {
```

```
    jButton1 = new javax.swing.JButton();
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    jLabel3 = new javax.swing.JLabel();
```

```
    jLabel4 = new javax.swing.JLabel();
```

```
    jLabel5 = new javax.swing.JLabel();
```

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

```
    setUndecorated(true);
```

```
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```
    jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Close.png"))); // NOI18N
```

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

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

```
            jButton1ActionPerformed(evt);
```

```

    }

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(1220, 32, -1, -1));

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 60)); // NOI18N
jLabel1.setText("Marks Obtained : 10");
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(406, 296, -1, -1));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 60)); // NOI18N
jLabel3.setText("Successfully Updated");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(398, 440, -1, -1));
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(314, 149, -1, -1));

jLabel5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background student.jpg"))); //
NOI18N
getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    new index().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(successfullySubmitted.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(successfullySubmitted.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(successfullySubmitted.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(successfullySubmitted.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 successfullySubmitted().setVisible(true);
    }
});
}

```

```
// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel3;

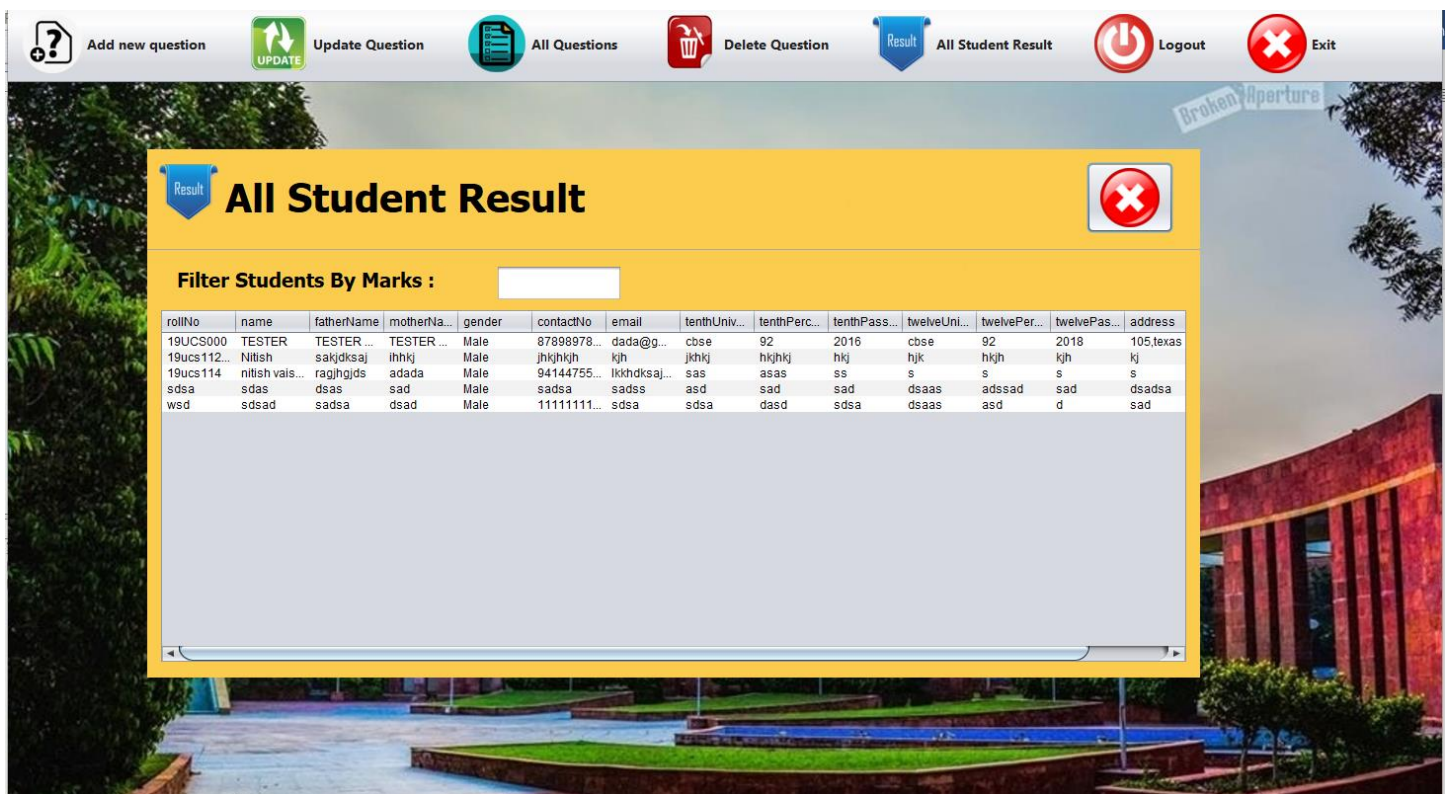
private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

// End of variables declaration

}
```

## 11. AllStudentResult.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.

```
*/
```

```
import javax.swing.*;
```

```
import Project.ConnectionProvider;
```

```

import java.sql.*;

import net.proteanit.sql.DbUtils;


/**
 *
 * @author nitis
 */
public class allStudentResult extends javax.swing.JFrame {

    /**
     * Creates new form allStudentResult
     */
    public allStudentResult() {
        initComponents();
        try
        {
            Connection con=ConnectionProvider.getCon();
            Statement st=con.createStatement();

            ResultSet rs= st.executeQuery("select * from student");
            jTable1.setAutoResizeMode(jTable1.AUTO_RESIZE_OFF);
            jTable1.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() {
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    jLabel2 = new javax.swing.JLabel();
```

```
    jButton1 = new javax.swing.JButton();
```

```
    jSeparator1 = new javax.swing.JSeparator();
```

```
    jLabel3 = new javax.swing.JLabel();
```

```
    jTextField1 = new javax.swing.JTextField();
```

```
    jScrollPane1 = new javax.swing.JScrollPane();
```

```
    jTable1 = new javax.swing.JTable();
```

```
    jLabel4 = new javax.swing.JLabel();
```

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

```
    setAlwaysOnTop(true);
```

```
    setLocation(new java.awt.Point(150, 183));
```

```
    setUndecorated(true);
```

```
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```
    jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/all student result.png"))); // NOI18N
```

```
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(12, 13, -1, -1));
```

```
    jLabel2.setFont(new java.awt.Font("Tahoma", 1, 40)); // NOI18N
```

```
    jLabel2.setText("All Student Result");
```

```
    getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(79, 24, -1, -1));
```

```
    jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Close.png"))); // NOI18N
```



```

jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(951, 13, -1, -1));
getContentPane().add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 100, 1066, 10));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel3.setText("Filter Students By Marks :");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 120, -1, -1));

jTextField1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jTextField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField1ActionPerformed(evt);
    }
});

jTextField1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        jTextField1KeyReleased(evt);
    }
});

getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(353, 117, 128, -1));

jTable1.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.setViewportView(jTable1);

    getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(12, 161, 1042, 360));

    jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pages background admin.jpg"))); //
NOI18N
    getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

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

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Adminhome.open=0;
    setVisible(false);
}

private void jTextField1KeyReleased(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
    int marks;
    if(jTextField1.getText().equals(""))
    {
        marks=0;
    }
}

```

```

    }

    else

        marks=Integer.parseInt(jTextField1.getText());

    try

    {

        Connection con=ConnectionProvider.getCon();

        Statement st=con.createStatement();

        ResultSet rs= st.executeQuery("select * from student where marks >="+marks+"");

        jTable1.setAutoResizeMode(jTable1.AUTO_RESIZE_OFF);

        jTable1.setModel(DbUtils.resultSetToTableModel(rs));

    }

    catch(Exception e)

    {

        JFrame jf=new JFrame();

        jf.setAlwaysOnTop(true);

        JOptionPane.showMessageDialog(jf,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(allStudentResult.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(allStudentResult.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(allStudentResult.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(allStudentResult.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 allStudentResult().setVisible(true);
    }
});
}

```

// Variables declaration - do not modify

```

private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;

```

```
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JSeparator jSeparator1;  
private javax.swing.JTable jTable1;  
private javax.swing.JTextField jTextField1;  
// End of variables declaration  
}
```