

```
/*  
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this  
license  
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template  
 */
```

```
/**  
 *  
 * @author vardh  
 */
```

```
import java.sql.*;  
import javax.swing.table.DefaultTableModel;  
import javax.swing.*;
```

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

```
    /**  
     * Creates new form StudentDetails  
     */  
    public StudentDetails() {  
        initComponents();  
        setDefaultCloseOperation(StudentDetails.DISPOSE_ON_CLOSE);  
    }
```

```
    /**  
     * 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();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jPanel1.setBackground(new java.awt.Color(102, 0, 102));

    jButton1.setFont(new java.awt.Font("Bell MT", 1, 14)); // NOI18N
    jButton1.setText("FETCH");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    jButton2.setFont(new java.awt.Font("Bell MT", 1, 14)); // NOI18N
    jButton2.setText("EXIT");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

    jTable1.setBackground(new java.awt.Color(204, 255, 255));
    jTable1.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
```

```

jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {

    },
    new String [] {
        " student_id ", " name ", " department", "contact "
    }
));
jScrollPane1.setViewportView(jTable1);

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(234, 234, 234)
            .addComponent(jButton1)
            .addGap(234, 234, 234)
            .addComponent(jButton2)
            .addGap(338, 338, 338)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(81, 81, 81)
                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 851,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(84, 84, 84))
            .addContainerGap(16, true))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(64, 64, 64)
            .addComponent(jButton3)
            .addContainerGap(16, true))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(64, 64, 64)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 851,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(16, true))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(64, 64, 64)
            .addComponent(jButton3)
            .addContainerGap(16, true))
);

```

```

        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 347,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(39, 39, 39)

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

        .addComponent(jButton1)

        .addComponent(jButton2))

        .addContainerGap(67, Short.MAX_VALUE))

);

```

```

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

layout.setHorizontalGroup(

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

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

);

layout.setVerticalGroup(

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

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

);

```

```

pack();

} // </editor-fold>

```

```

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

    // TODO add your handling code here:

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

    String url="jdbc:mysql://localhost/library";

    String user="root";

    String pwd="harsha2712";

```

```

String query="select * from student";

try
{
    Connection conn=DriverManager.getConnection(url,user,pwd);
    Statement stm=conn.createStatement();
    ResultSet rs=stm.executeQuery(query);
    while(rs.next())
    {
        String rollno =rs.getString("rollno");
        String name=rs.getString("name");
        String department =rs.getString("department");
        int contact =rs.getInt("contact");
        model.addRow(new Object[]{rollno,name,department,contact});
    }
    rs.close();
    stm.close();

}

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

```

```

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

    // TODO add your handling code here:

    this.dispose();
}

```

```

/**

```

```

 * @param args the command line arguments

```

```

*/
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
    * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            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.JPanel jPanel1;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JTable jTable1;  
// End of variables declaration  
}
```