

```
import javax.swing.JOptionPane;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.ResultSet;
```

```
import java.sql.Statement;
```

```
/*
```

```
 * 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
```

```
*/
```

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

```
    /**
```

```
     * Creates new form LoginPage
```

```
    */
```

```
    public LoginPage() {
```

```
        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() {

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    USERNAME1 = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();
    password = new javax.swing.JPasswordField();
    jButton1 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setBackground(new java.awt.Color(204, 0, 0));
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

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

    jLabel1.setFont(new java.awt.Font("Leelawadee", 1, 24)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(255, 255, 255));
    jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel1.setText("LOGIN");

    jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
    jLabel3.setForeground(new java.awt.Color(255, 255, 255));
    jLabel3.setText("USERNAME");

    USERNAME1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            USERNAME1ActionPerformed(evt);
        }
    });

```

```

    }
});

jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("PASSWORD");

jButton1.setBackground(new java.awt.Color(204, 204, 255));
jButton1.setFont(new java.awt.Font("Bell MT", 1, 14)); // NOI18N
jButton1.setText("LOGIN");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
            .addGap(339, Short.MAX_VALUE)

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 87,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 87,
javax.swing.GroupLayout.PREFERRED_SIZE))

```

```

        .addGap(142, 142, 142)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE, 213,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(USERNAME1, javax.swing.GroupLayout.PREFERRED_SIZE, 213,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(239, 239, 239))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
            jPanel1Layout.createSequentialGroup()
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 98,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(450, 450, 450)))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(454, 454, 454)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 111,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(62, 62, 62)
                .addComponent(jLabel1)
                .addGap(91, 91, 91)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(USERNAME1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
                        javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(50, 50, 50)

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

```

```

        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 62,
Short.MAX_VALUE)

        .addComponent(jButton1)

        .addGap(151, 151, 151))

    );

    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 1020,
530));

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

private void userActionPerformed(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:

    String url = "jdbc:mysql://localhost:3306/library?useSSL=false"; //Correct database URL
    String mysqluser="root";
    String mysqlpwd= "harsha2712";
    String pswrd = new String(password.getPassword());
    String username=USERNAME1.getText();
    String query=("select PASSWORD from admin where userid='"+username+"'");
    try
    {
        Connection conn = DriverManager.getConnection(url, mysqluser, mysqlpwd);
        Statement stm = conn.createStatement();
        ResultSet rs = stm.executeQuery(query);

```

```

        if(rs.next())
        {
            String realpswrds=rs.getString("PASSWORD");
            if(realpswrds.equals(pswrd))
            {
                Dashboard dsh=new Dashboard();
                dsh.setVisible(true);
                this.dispose();
            }
            else
            {
                JOptionPane.showMessageDialog(this, "Username or password entered is incorrect");
            }
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Wrong Username");

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

}

}

private void USERNAME1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

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

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

```
    }
```

```
});
```

```
}
```

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

```
private javax.swing.JTextField USERNAME1;
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JPasswordField password;
```

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

```
}
```