

```
/*  
 * 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  
 */
```

```
import crud_project.ReadUser;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import javax.swing.JOptionPane;
```

```
/**  
 *  
 * @author 97798  
 */
```

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

```
    /**  
     * Creates new form NewJFrame  
     */
```

```
    String gender;
```

```
    public NewJFrame() {  
        initComponents();  
        Connect();  
    }
```

```
    Connection conn;
```

```
    PreparedStatement pst;
```

```

public void Connect(){
    try{
        Class.forName("com.mysql.cj.jdbc.Driver");
        conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/employee", "root", "");
        System.out.println("Database Connection Successful");

    }catch(Exception e){
        System.out.println(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() {

```

```

    jTextField1 = new javax.swing.JTextField();
    buttonGroup1 = new javax.swing.ButtonGroup();
    jLabel1 = new javax.swing.JLabel();
    userText = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();
    emailText = new javax.swing.JTextField();

```

```
jLabel3 = new javax.swing.JLabel();
passText = new javax.swing.JPasswordField();
male = new javax.swing.JRadioButton();
female = new javax.swing.JRadioButton();
jLabel4 = new javax.swing.JLabel();
semCombo = new javax.swing.JComboBox<>();
jLabel5 = new javax.swing.JLabel();
jButton1 = new javax.swing.JButton();

jTextField1.setText("jTextField1");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Segoe UI", 0, 14)); // NOI18N
jLabel1.setText("Username");

jLabel2.setFont(new java.awt.Font("Segoe UI", 0, 14)); // NOI18N
jLabel2.setText("email");

jLabel3.setFont(new java.awt.Font("Segoe UI", 0, 14)); // NOI18N
jLabel3.setText("Password");

buttonGroup1.add(male);
male.setText("Male");
male.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        maleActionPerformed(evt);
    }
});

buttonGroup1.add(female);
```

```
female.setText("Female");

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

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

        femaleActionPerformed(evt);

    }

});


jLabel4.setFont(new java.awt.Font("Segoe UI", 0, 14)); // NOI18N
jLabel4.setText("Gender");


semCombo.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Semester 1",
"Semester 2", "Semester 3", "Semester 4", "Semester 5" }));


jLabel5.setText("Choose Semester");


jButton1.setText("Save");

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

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

        jButton1ActionPerformed(evt);

    }

});


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

layout.setHorizontalGroup(

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

        .addGroup(layout.createSequentialGroup()

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

                .addGroup(layout.createSequentialGroup()

                    .addGap(123, 123, 123)

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

```

        .addGroup(layout.createSequentialGroup())

        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 121,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(emailText))

    .addGroup(layout.createSequentialGroup())

        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 88,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(53, 53, 53)

        .addComponent(userText, javax.swing.GroupLayout.PREFERRED_SIZE, 251,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGroup(layout.createSequentialGroup())

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

        .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 121,
Short.MAX_VALUE))

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

        .addGroup(layout.createSequentialGroup())

            .addGap(47, 47, 47)

            .addComponent(male, javax.swing.GroupLayout.PREFERRED_SIZE, 58,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

            .addComponent(female)

            .addGap(35, 35, 35))

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

            .addGap(18, 18, 18)

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

```

```

        .addComponent(semCombo, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

        .addComponent(passText))))))

    .addGroup(layout.createSequentialGroup())

    .addGap(245, 245, 245)

    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 125,
javax.swing.GroupLayout.PREFERRED_SIZE)))

    .addContainerGap(206, Short.MAX_VALUE))

);

layout.setVerticalGroup(

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

    .addGroup(layout.createSequentialGroup())

    .addGap(57, 57, 57)

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

        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 22,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(userText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(25, 25, 25)

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

        .addComponent(emailText)

        .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

    .addGap(29, 29, 29)

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

        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(passText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(33, 33, 33)

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

        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(male)

```

```

        .addComponent(female))

        .addGap(48, 48, 48)

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

            .addComponent(semCombo, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 22,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(68, 68, 68)

        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(123, Short.MAX_VALUE))
    );

```

```

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

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try{
        String username, email, password, semester;

        username = userText.getText();
        email = emailText.getText();
        password = passText.getText();
        semester = semCombo.getSelectedItem().toString();

        pst = conn.prepareStatement("insert into userregistration(username, email, password,
gender, semester)values(?,?,?,?)");

        pst.setString(1, username);
        pst.setString(2, email);
        pst.setString(3, password);

```

```
pst.setString(4, gender);  
pst.setString(5, semester);
```

```
pst.executeUpdate();  
JOptionPane.showMessageDialog(this, "User Detail is saved");
```

```
userText.setText("");  
emailText.setText("");  
passText.setText("");  
male.setText("");  
female.setText("");  
semCombo.setSelectedItem(null);
```

```
ReadUser read = new ReadUser();  
read.show();  
this.hide();  
}catch(Exception e){  
    System.out.println(e);  
}
```

```
}
```

```
private void maleActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
  
    gender = male.getText();  
}
```



```

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

    // TODO add your handling code here:

    gender = female.getText();
}

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

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

```

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

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

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

```
    }
```

```
});
```

```
}
```

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

```
private javax.swing.ButtonGroup buttonGroup1;
```

```
private javax.swing.JTextField emailText;
```

```
private javax.swing.JRadioButton female;
```

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

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

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

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

```
private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JLabel jLabel5;
```

```
private javax.swing.JTextField jTextField1;
```

```
private javax.swing.JRadioButton male;
```

```
private javax.swing.JPasswordField passText;
```

```
private javax.swing.JComboBox<String> semCombo;
```

```
private javax.swing.JTextField userText;  
// End of variables declaration  
}
```