

```
package Wallen;
```

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

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

```
import javax.swing.ButtonGroup;
```

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

```
import javax.swing.table.DefaultTableModel;
```

```
public class AssntEvent1 extends javax.swing.JFrame {
```

```
    String gender;
```

```
    /**
```

```
     * Creates new form assignmentoneframe
```

```
     */
```

```
    public AssntEvent1() {
```

```
        initComponents();
```

```
        groupButton();
```

```
    }
```

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

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

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

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

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

```
jLabel2 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jTextField1 = new javax.swing.JTextField();
jTextField2 = new javax.swing.JTextField();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jRadioButton1 = new javax.swing.JRadioButton();
jRadioButton2 = new javax.swing.JRadioButton();
jTextField3 = new javax.swing.JTextField();
jTextField4 = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jButton1.setFont(new java.awt.Font("Arial Black", 3, 13)); // NOI18N
jButton1.setForeground(new java.awt.Color(0, 153, 0));
jButton1.setText("Register");
jButton1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jLabel1.setFont(new java.awt.Font("Arial Black", 1, 12)); // NOI18N
jLabel1.setForeground(new java.awt.Color(0, 0, 153));
jLabel1.setText("ID");
```

```
jLabel1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
```

```
jLabel2.setFont(new java.awt.Font("Arial Black", 1, 12)); // NOI18N
```

```
jLabel2.setForeground(new java.awt.Color(0, 0, 153));
```

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

```
jLabel2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
```

```
jLabel3.setFont(new java.awt.Font("Arial Black", 1, 12)); // NOI18N
```

```
jLabel3.setForeground(new java.awt.Color(0, 0, 153));
```

```
jLabel3.setText("Gender");
```

```
jLabel3.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
```

```
jLabel5.setFont(new java.awt.Font("Arial Black", 1, 12)); // NOI18N
```

```
jLabel5.setForeground(new java.awt.Color(0, 0, 153));
```

```
jLabel5.setText("Contact");
```

```
jLabel5.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
```

```
jLabel6.setFont(new java.awt.Font("Arial Black", 1, 12)); // NOI18N
```

```
jLabel6.setForeground(new java.awt.Color(0, 0, 153));
```

```
jLabel6.setText("Address");
```

```
jLabel6.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
```

```
jTextField2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jTextField2ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jTable1.setBackground(new java.awt.Color(153, 204, 0));
```

```

jTable1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
jTable1.setFont(new java.awt.Font("Baskerville Old Face", 1, 14)); // NOI18N
jTable1.setForeground(new java.awt.Color(153, 51, 255));
jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {

    },
    new String [] {
        "ID", "Name", "Gender", "Address", "Contact"
    }
) {
    Class[] types = new Class [] {
        java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,
        java.lang.String.class
    };

    public Class getColumnClass(int columnIndex) {
        return types [columnIndex];
    }
});
jScrollPane1.setViewportView(jTable1);

jRadioButton1.setFont(new java.awt.Font("Arial Black", 1, 13)); // NOI18N
jRadioButton1.setForeground(new java.awt.Color(0, 0, 153));
jRadioButton1.setText("male");
jRadioButton1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});

```

```
}  
});
```

```
jRadioButton2.setFont(new java.awt.Font("Times New Roman", 1, 13)); // NOI18N  
jRadioButton2.setForeground(new java.awt.Color(0, 0, 153));  
jRadioButton2.setText("female");  
jRadioButton2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
```

```
jButton2.setFont(new java.awt.Font("Times New Roman", 3, 13)); // NOI18N  
jButton2.setForeground(new java.awt.Color(204, 102, 0));  
jButton2.setText("Exit");  
jButton2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(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()  
            .addGap(28, 28, 28)  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
                .addGroup(layout.createSequentialGroup()  
                    .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```

        .addComponent(jLabel5)

        .addComponent(jLabel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

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

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

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

        .addGroup(layout.createSequentialGroup()

            .addGap(76, 76, 76)

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

                .addGroup(layout.createSequentialGroup()

                    .addComponent(jRadioButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 67,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                    .addComponent(jRadioButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addComponent(jTextField2, javax.swing.GroupLayout.Alignment.TRAILING)

                .addComponent(jTextField1, javax.swing.GroupLayout.Alignment.TRAILING)

                .addComponent(jTextField3)))

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

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

                .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE, 154,
javax.swing.GroupLayout.PREFERRED_SIZE))))

        .addGroup(layout.createSequentialGroup()

            .addComponent(jButton1)

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

            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)))

```

```

        .addGap(18, 24, Short.MAX_VALUE)

        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 367,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(17, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup())
        .addGap(27, 27, 27)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1)
            .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2)
            .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jRadioButton1)
            .addComponent(jRadioButton2)
            .addComponent(jLabel3))
        .addGap(29, 29, 29)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel6)
            .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

```

```

        .addComponent(jLabel5)

        .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(43, 43, 43)

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

        .addComponent(jButton1)

        .addComponent(jButton2))

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

        .addGroup(layout.createSequentialGroup()

        .addContainerGap()

        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 275,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(14, Short.MAX_VALUE))

        );

```

```

    pack();

```

```

} // </editor-fold>

```

```

private void groupButton() {

```

```

    ButtonGroup group = new ButtonGroup();

```

```

    group.add(jRadioButton1);

```

```

    group.add(jRadioButton2);

```

```

}

```

```

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

```

```

    String id = jTextField1.getText();

```

```

    String name= jTextField2.getText();

```

```

    if (jRadioButton1.isSelected()) {

```

```

        gender = jRadioButton1.getText();

```

```

    }

```

```

    if (jRadioButton2.isSelected()) {

```



```

        gender = jRadioButton2.getText();
    }

    String address = jTextField3.getText();
    String contact = jTextField4.getText();

    String statement[] = {id, name, gender, address, contact};

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

    data.addRow(statement);

    try {

        Class.forName("com.mysql.jdbc.Driver");

        try (Connection connect =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/mysql?zeroDateTimeBehavior=convertToNull [root on Default schema]", "root", "")) {

            String query = "insert into registration(id,name,gender,address,contact) values(?,?,?,?,?)";

            PreparedStatement mydata = connect.prepareStatement(query);

            mydata.setString(1, id);

            mydata.setString(2, name);

            mydata.setString(3, gender);

            mydata.setString(4, address);

            mydata.setString(5, contact);

            mydata.executeUpdate();

        }

        jTextField1.setText("");
        jTextField2.setText("");
        jTextField3.setText("");
        jTextField4.setText("");

    } catch (ClassNotFoundException | SQLException e) {

        System.out.println(e);
    }

```

```
}
```

```
}
```

```
private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {
```

```
}
```

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

```
}
```

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

```
    if(JOptionPane.showConfirmDialog(null, " Are you sure..?", "Departure",JOptionPane.YES_NO_CANCEL_OPTION)==JOptionPane.YES_OPTION){
```

```
        System.exit(0);
```

```
}
```

```
}
```

```
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(AssntEvent1.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);

    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AssntEvent1.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);

    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AssntEvent1.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AssntEvent1.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);

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

/* Create and display the form */
java.awt.EventQueue.invokeLater(() -> {
    new AssntEvent1().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 jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JRadioButton jRadioButton1;
private javax.swing.JRadioButton jRadioButton2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
// End of variables declaration
}
```