***J17-1361-2022***

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***EVENT DRIVEN PROGRAMMING ASSIGNMENT***

***SCO202***

**QUESTION ONE**

**import java.sql.DriverManager;**

**/\***

**\* 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 SYLVIA WM**

**\*/**

**import java.sql.\*;**

**import javax.swing.JOptionPane;**

**public class assignmenttwoframe extends javax.swing.JFrame {**

**String gender;**

**/\*\***

**\* Creates new form assignmenttwoframe**

**\*/**

**public assignmenttwoframe() {**

**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();**

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

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

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

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

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

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

**jRadioButton1 = new javax.swing.JRadioButton();**

**jRadioButton2 = new javax.swing.JRadioButton();**

**jComboBox1 = new javax.swing.JComboBox();**

**jComboBox2 = new javax.swing.JComboBox();**

**jComboBox3 = new javax.swing.JComboBox();**

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

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

**jCheckBox1 = new javax.swing.JCheckBox();**

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

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

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

**setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);**

**jLabel1.setText("REGISTRATION FORM");**

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

**jLabel3.setText("Mobile");**

**jLabel4.setText("Gender");**

**jLabel5.setText("DOB");**

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

**jRadioButton1.setText("male");**

**jRadioButton1.addActionListener(new java.awt.event.ActionListener() {**

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

**jRadioButton1ActionPerformed(evt);**

**}**

**});**

**jRadioButton2.setText("female");**

**jComboBox1.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "1", "2", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));**

**jComboBox2.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "Jan", "Feb", "Mar", "Apr", "May", "June", "July", "Aug", "Sep", "Oct", "Nov", "Dec" }));**

**jComboBox3.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "1999", "2000", "2001", "2002", "2003", "2004", "2005", "2006", "2007", "2008", "2009", "2010", "2011", "2012", "2013", "2014", "2015", "2016", "2017", "2018", "2019", "2020", "2021", "2022", "2023" }));**

**jButton1.setText("submit");**

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

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

**jButton1ActionPerformed(evt);**

**}**

**});**

**jCheckBox1.setText("Accept Terms and Conditions");**

**jButton2.setText("reset");**

**jTextArea1.setColumns(20);**

**jTextArea1.setRows(5);**

**jScrollPane1.setViewportView(jTextArea1);**

**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(87, 87, 87)**

**.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 194, javax.swing.GroupLayout.PREFERRED\_SIZE))**

**.addGroup(layout.createSequentialGroup()**

**.addGap(24, 24, 24)**

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

**.addGroup(layout.createSequentialGroup()**

**.addComponent(jButton1)**

**.addGap(46, 46, 46)**

**.addComponent(jButton2))**

**.addGroup(layout.createSequentialGroup()**

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

**.addComponent(jLabel5)**

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

**.addComponent(jLabel3)**

**.addComponent(jLabel2)**

**.addComponent(jLabel4))**

**.addComponent(jLabel6))**

**.addGap(81, 81, 81)**

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

**.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, 128, javax.swing.GroupLayout.PREFERRED\_SIZE)**

**.addGroup(layout.createSequentialGroup()**

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

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

**.addComponent(jTextField1, javax.swing.GroupLayout.DEFAULT\_SIZE, 93, Short.MAX\_VALUE)**

**.addComponent(jTextField2))**

**.addGroup(layout.createSequentialGroup()**

**.addComponent(jRadioButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 77, javax.swing.GroupLayout.PREFERRED\_SIZE)**

**.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)**

**.addComponent(jRadioButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 58, javax.swing.GroupLayout.PREFERRED\_SIZE))**

**.addGroup(layout.createSequentialGroup()**

**.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)**

**.addGap(18, 18, 18)**

**.addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)**

**.addGap(28, 28, 28)**

**.addComponent(jComboBox3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))**

**.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 81, Short.MAX\_VALUE)**

**.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 213, javax.swing.GroupLayout.PREFERRED\_SIZE))))**

**.addComponent(jCheckBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 228, javax.swing.GroupLayout.PREFERRED\_SIZE))))**

**.addGap(31, 31, 31))**

**);**

**layout.setVerticalGroup(**

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

**.addGroup(layout.createSequentialGroup()**

**.addContainerGap()**

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

**.addGroup(layout.createSequentialGroup()**

**.addComponent(jLabel1)**

**.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)**

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

**.addGroup(layout.createSequentialGroup()**

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

**.addComponent(jLabel2)**

**.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(jLabel3)**

**.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))**

**.addGap(32, 32, 32)**

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

**.addComponent(jLabel4)**

**.addComponent(jRadioButton1)**

**.addComponent(jRadioButton2))**

**.addGap(18, 18, 18)**

**.addComponent(jLabel5))**

**.addComponent(jScrollPane1)))**

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

**.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)**

**.addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)**

**.addComponent(jComboBox3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))**

**.addGap(18, 18, 18)**

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

**.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, 9, Short.MAX\_VALUE)**

**.addComponent(jCheckBox1)**

**.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)**

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

**.addComponent(jButton1)**

**.addComponent(jButton2))**

**.addGap(26, 26, 26))**

**);**

**pack();**

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

**private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {**

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

**}**

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

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

**String mobile=jTextField2.getText();**

**if(jRadioButton1.isSelected()){**

**gender=jRadioButton1.getText();**

**}**

**if(jRadioButton2.isSelected()){**

**gender=jRadioButton2.getText();**

**}**

**String day=(String)jComboBox1.getSelectedItem();**

**String month=(String)jComboBox2.getSelectedItem();**

**String year=(String)jComboBox3.getSelectedItem();**

**String date=day+"-"+month+"-"+year;**

**String address=jTextField3.getText();**

**jTextArea1.append("Name: "+name);**

**jTextArea1.append("\nMobile: "+mobile);**

**jTextArea1.append("\nGender: "+gender);**

**jTextArea1.append("\nDOB: "+date);**

**jTextArea1.append("\nAddress: "+address);**

**if(jCheckBox1.isSelected()){**

**JOptionPane.showMessageDialog(null, "You Accepted Terms And Conditions","Information",JOptionPane.INFORMATION\_MESSAGE);**

**}**

**try{**

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

**Connection connect=DriverManager.getConnection("jdbc:mysql://localhost:3306/formregistration", "root","");**

**String query="insert into formregistration(name,mobile,gender,dob,address) values(?,?,?,?,?)";**

**PreparedStatement statement=connect.prepareStatement(query);**

**statement.setString(1, name);**

**statement.setString(2, mobile);**

**statement.setString(3, gender);**

**statement.setString(4, date);**

**statement.setString(5, address);**

**statement.executeUpdate();**

**connect.close();**

**}catch(Exception e){**

**System.out.println(e);**

**}**

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

**} catch (InstantiationException ex) {**

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

**} catch (IllegalAccessException ex) {**

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

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

**java.util.logging.Logger.getLogger(assignmenttwoframe.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 assignmenttwoframe().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.JComboBox jComboBox1;**

**private javax.swing.JComboBox jComboBox2;**

**private javax.swing.JComboBox jComboBox3;**

**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.JLabel jLabel6;**

**private javax.swing.JRadioButton jRadioButton1;**

**private javax.swing.JRadioButton jRadioButton2;**

**private javax.swing.JScrollPane jScrollPane1;**

**private javax.swing.JTextArea jTextArea1;**

**private javax.swing.JTextField jTextField1;**

**private javax.swing.JTextField jTextField2;**

**private javax.swing.JTextField jTextField3;**

**// End of variables declaration**

**}**