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1  /*
2  Program : JRadioButton With Action Listener and JOptionPane
3  Date : 08/10/2023   Evening Session
4  Author : ShriSoft
5  */
6  import javax.swing.*;
7  import java.awt.event.*;
8
9  public class JRadioButtonEx2 extends JFrame implements ActionListener
10 {
11     JButton b ;
12     JRadioButton male , female ;
13     JLabel l ;
14     JRadioButtonEx2()
15     {
16
17
18         b = new JButton("Submit");
19         b.setBounds(100,180,100,50);
20         add(b);
21
22         b.addActionListener(this);
23
24
25         JLabel l1= new JLabel("Select Gender");
26         l1.setBounds(50,50,100,50);
27         add(l1);
28
29         // JRadio Button
30         male = new JRadioButton("Male");
31         male.setBounds(100,100,100,50);
32
33         female = new JRadioButton("Female");
34         female.setBounds(200,100,100,50);
35
36         // Button Group
37         ButtonGroup genderbg = new ButtonGroup();
38         genderbg.add(male);
39         genderbg.add(female);
40
41
42         add(male);
43         add(female);
44
45         /// Label for Showeing Messgwe
46         l = new JLabel();
47         l.setBounds(100,230,300,50);
48         add(l);
49
50
51         setTitle("JRadioButton With Action Listener and JOptionPane");
52         setLayout(null);
53         setSize(400,350);
54         setVisible(true);
55     }
56
57     public void actionPerformed(ActionEvent e)
58     {
59         if(male.isSelected())
60         {
61             // l.setText("You Selected Male");
62             JOptionPane.showMessageDialog(this,"You have selected Male Gender");
63         }
64
65         else if(female.isSelected())
66         {
67

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68         //l.setText("You Selected Female");
69         JOptionPane.showMessageDialog(this,"You have selected Female Gender");
70
71     }
72 }
73
74 public static void main(String args[])
75 {
76     JRadioButtonEx2 obj = new JRadioButtonEx2();
77 }
78 }
79
```