

# EXTRA PROGRAMS

## PROGRAM – 1

### INPUT:

```
C:\Users\91944\OneDrive\Desktop\OOJLAB\Week_12\ButtonList.java - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

multiplexerv x shiftfreq_4bit.v x ButtonList.java x TextFieldDemo.java x Division.java x

1  import java.awt.*;
2  import java.awt.event.*;
3
4  public class ButtonList extends Frame implements ActionListener
5  {
6      String msg = "";
7      Button blist[] = new Button[3];
8
9      public ButtonList()
10     {
11         setLayout(new FlowLayout());
12
13         Button yes = new Button("Yes");
14         Button no = new Button("No");
15         Button maybe = new Button("Undecided");
16
17         blist[0] = (Button) add(yes);
18         blist[1] = (Button) add(no);
19         blist[2] = (Button) add(maybe);
20
21         for(int i = 0; i < 3; i++)
22         {
23             blist[i].addActionListener(this);
24         }
25
26         addWindowListener(new WindowAdapter() {
27             public void windowClosing(WindowEvent we) {
28                 System.exit(0);
29             }
30         });
31     }
32
33     public void actionPerformed(ActionEvent ae)
34     {
35         for(int i = 0; i < 3; i++)
36         {
37             if(ae.getSource() == blist[i])
38             {
39                 msg = "You pressed " + blist[i].getLabel();
40             }
41         }
42         repaint();
43     }
44
45     public void paint(Graphics g)
46     {
47         g.drawString(msg, 350, 200);
48     }
49
50     public static void main(String[] args)
51     {
52         ButtonList appwin = new ButtonList();
53         appwin.setSize(new Dimension(700, 400));
54         appwin.setTitle("ButtonList");
55         appwin.setVisible(true);
56     }
57 }
```

### OUTPUT:



You pressed Undecided

# PROGRAM – 2

## INPUT:

```
C:\Users\91944\OneDrive\Desktop\OO\LAB\Week_12\TextFieldDemo.java - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

multiplexer.v x shiftreg_4bit.v x ButtonList.java x TextFieldDemo.java x Division.java x

1  import java.awt.*;
2  import java.awt.event.*;
3
4  public class TextFieldDemo extends Frame implements ActionListener
5  {
6      TextField name, pass;
7
8      public TextFieldDemo()
9      {
10         setLayout(new FlowLayout());
11
12         Label namep = new Label("Name : ", Label.RIGHT);
13         Label passp = new Label("Password :", Label.RIGHT);
14         name = new TextField(12);
15         pass = new TextField(8);
16         pass.setEchoChar('*');
17
18         add(namep);
19         add(name);
20         add(passp);
21         add(pass);
22
23         name.addActionListener(this);
24         pass.addActionListener(this);
25
26         addWindowListener(new WindowAdapter() {
27             public void windowClosing(WindowEvent we) {
28                 System.exit(0);
29             }
30         });
31     }
32
33     public void actionPerformed(ActionEvent ae)
34     {
35         repaint();
36     }
37
38     public void paint(Graphics g)
39     {
40         g.drawString("Name : "+name.getText(), 20, 100);
41         g.drawString("Selected text in name : "+name.getSelectedText(), 20, 120);
42         g.drawString("Password : "+pass.getText(), 20, 140);
43     }
44
45     public static void main(String[] args)
46     {
47         TextFieldDemo appwin = new TextFieldDemo();
48         appwin.setSize(new Dimension(380, 180));
49         appwin.setTitle("TextFieldDemo");
50         appwin.setVisible(true);
51     }
52 }
```

## OUTPUT:

