

C:\java lab\ButtonListDemo.java - Notepad++

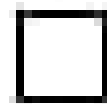
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

ASCLASM BINCOUNT.ASM LABTEST1.ASM ThreadDemo.java ButtonListDemo.java TextFieldDemo.java or.v and.v jkff.v shiftreg_4bit.v mux_4to1.v decoder_2to4.v counter_3bit.v fulladd.v and_or.v

```
3 class ButtonList extends Frame implements ActionListener {
4     String msg = "";
5     Button bList[] = new Button[3];
6     public ButtonList() {
7         setLayout(new FlowLayout());
8         Button yes = new Button("Yes");
9         Button no = new Button("No");
10        Button maybe = new Button("Undecided");
11        bList[0] = (Button)add(yes);
12        bList[1] = (Button)add(no);
13        bList[2] = (Button)add(maybe);
14        for(int i=0;i<3;i++){
15            bList[i].addActionListener(this);
16        }
17        addWindowListener(new MyWindowAdapter());
18    }
19    public void actionPerformed(ActionEvent ae){
20        for(int i = 0;i<3;i++){
21            if(ae.getSource() == bList[i]){
22                msg = "You pressed " + bList[i].getLabel();
23            }
24        }
25        repaint();
26    }
27    public void paint(Graphics g){
28        g.drawString(msg, 20, 100);
29    }
30 }
31 public class ButtonListDemo {
32     public static void main(String[] args) {
33         ButtonList b = new ButtonList();
34         b.setSize(new Dimension(230,150));
35         b.setTitle("Button List");
36         b.setVisible(true);
37     }
38 }
39 class MyWindowAdapter extends WindowAdapter{
40     public void windowClosing(WindowEvent we){
41         System.exit(0);
42     }
43 }
```



Button List



Yes

No

Undecided

You pressed Yes



```
1  import java.awt.*;
2  import java.awt.event.*;
3  public class TextFieldDemo extends Frame implements ActionListener{
4      TextField name, pass;
5      public TextFieldDemo() {
6          setLayout(new FlowLayout());
7          Label nameL = new Label("Name: ", Label.RIGHT);
8          Label passL = new Label("Password: ", Label.RIGHT);
9          name = new TextField(12);
10         pass = new TextField(8);
11         pass.setEchoChar('*');
12         add(nameL);
13         add(name);
14         add(passL);
15         add(pass);
16         name.addActionListener(this);
17         pass.addActionListener(this);
18         addWindowListener(new MyWindowAdapter());
19     }
20     public void actionPerformed(ActionEvent ae){
21         repaint();
22     }
23     public void paint(Graphics g){
24         g.drawString("Name: " + name.getText(), 6, 60);
25         g.drawString("Selected text in name: " + name.getSelectedText(), 6, 80);
26         g.drawString("Pass: " + pass.getText(), 6, 100);
27     }
28     public static void main(String[] args) {
29         TextFieldDemo t = new TextFieldDemo();
30         t.setSize(new Dimension(600,250));
31         t.setTitle("textbox demo");
32         t.setVisible(true);
33     }
34 }
35 class MyWindowAdapter extends WindowAdapter{
36     public void windowClosing(WindowEvent we){
37         System.exit(0);
38     }
39 }
```



textbox demo



Name:

Name:

abcghs

Password:

Selected text in name:

Pass: