

LAB - 10➤ Button List

```
import java.awt.*;
import java.awt.event.*;
```

```
class ButtonList extends JFrame implements
    ActionListener {
```

```
    String msg = " ";
```

```
    Button blist[] = new Button[3];
```

```
    public ButtonList() {
```

```
        SetLayout (new FlowLayout());
```

```
        Button yes = new Button("Yes");
```

```
        Button NO = new Button("No");
```

```
        Button maybe = new Button("Understand");
```

```
        blist[0] = (Button) add(yes);
```

```
        blist[1] = (Button) add(NO);
```

```
        blist[2] = (Button) add(maybe);
```

```
        for (int i = 0; i < 3; i++) {
```

```
            blist[i].addActionListener(this);
```

```
        }
```

```
        addWindowListener(new MyWindowAdapter());
```

```
    }
```



```

public void actionPerformed ( ActionEvent ae ) {
    for ( int i = 0 ; i < 3 ; i ++ ) {
        if ( ae.getSource () == bList [ i ] ) {
            msg = " You pressed " +
                bList [ i ].getLabel ();
        }
    }
    repaint ();
}

```

```

}

public void paint ( Graphics g ) {
    g.drawString ( msg, 20, 100 );
}
}

```

```

class ButtonListDemo {
    public static void main ( String [] args ) {
        ButtonList b = new ButtonList ();
        b.setSize ( new Dimension ( 230, 150 ) );
        b.setTitle ( " Button List " );
        b.setVisible ( true );
    }
}

class MyWindowAdapter extends WindowAdapter {
    public void windowClosing ( WindowEvent we ) {
        System.exit ( 0 );
    }
}

```

2) Textfield Demo

```
import java.awt.*;
```

```
import java.awt.event.*;
```

```
class TextFieldDemo extends Frame implements  
    ActionListener {
```

```
    TextField name, pass;
```

```
    public TextFieldDemo() {
```

```
        setLayout (new FlowLayout());
```

```
        Label nameL = new Label ("Name!",  
                                   Label.RIGHT);
```

```
        Label passL = new Label ("Password!",  
                                   Label.RIGHT);
```

```
        name = new TextField (12);
```

```
        pass = new TextField (8);
```

```
        pass.setEchoChar ('*');
```

```
        add (nameL);
```

```
        add (name);
```

```
        add (passL);
```

```
        add (pass);
```

```
        name.addActionListener (this);
```

```
        pass.addActionListener (this);
```

```
        addWindowListener (new MyWindowAdapter());
```



```
public void actionPerformed ( ActionEvent ae) {  
    repaint();  
}
```

```
}
```

```
public void paint ( Graphics g) {
```

```
    g.drawString ("Name : " + name.getText()  
                  (1, 6, 60);
```

```
    g.drawString ("selected text in name:"  
                  + name.getSelectedText()  
                  (1, 6, 80);
```

```
    g.drawString ("Pass:" + pass.getText(), 6, 100);
```

```
}
```

```
public static void main ( String [] args) {
```

```
    Textflow Demo t = new TextFileDemo();
```

```
    t.setSize ( new Dimension ( 600, 250) );
```

```
    t.setTitle ("textbox demo");
```

```
    t.setVisible ( true);
```

```
}
```

```
{
```

```
class MyWindowAdapter extends WindowAdapter {
```

```
    public void windowClosing ( WindowEvent we) {
```

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

```
}
```

```
}
```