

LAB-10

//the ButtonList

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

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

```
class ButtonList extends Frame 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("Undecided");
```

```
        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){
```

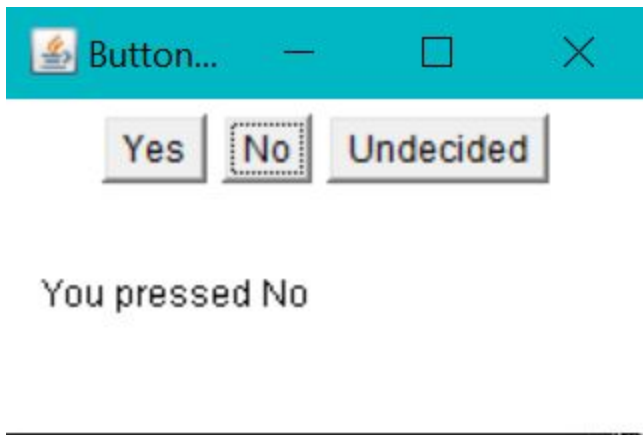
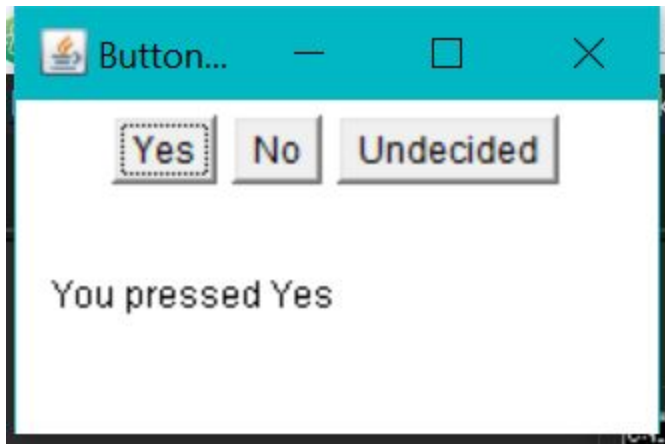
```
        g.drawString(msg, 20, 100);
```

```
    }
```

```
}
```

```
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);  
    }  
}
```





You pressed Undecided

```
//The TextFieldDemo
```

```
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(), 6, 60);
        g.drawString("Selcted text in name: " + name.getSelectedText(), 6, 80);
        g.drawString("Pass: " + pass.getText(), 6, 100);
    }

    public static void main(String[] args) {
        TextFieldDemo t = new TextFieldDemo();
        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);
    }
}

```

