

OOJ LAB-WEEK 12-Extra Programs

Program and Output

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Program 1-

BUTTONS

```
import java.awt.*;

import java.awt.event.*;

public 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 WindowAdapter(){

        public void windowClosing(WindowEvent we){

            System.exit(0);

        }

    });
}

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);

}

public static void main(String args[]){

    ButtonList appwin=new ButtonList();

    appwin.setSize(new Dimension(250,150));

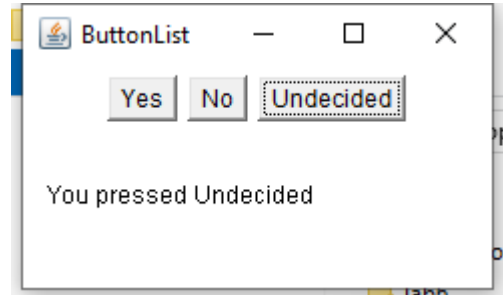
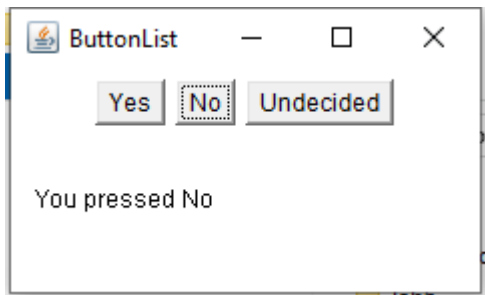
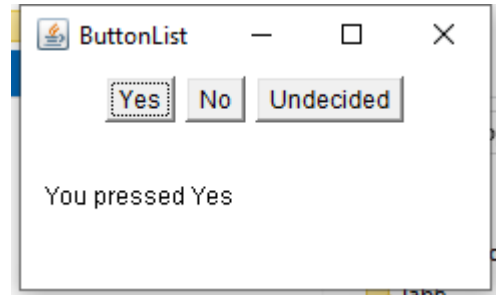
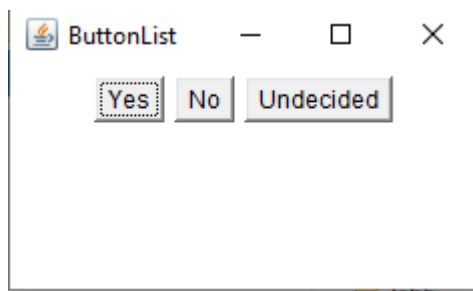
    appwin.setTitle("ButtonList");

    appwin.setVisible(true);

```

```
}  
  
}
```

Output-



Program 2-

TEXTFIELDS

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

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

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

```
    TextField name,pass;
```

```
    public TextFieldDemo () {
```

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

```
        Label namep=new Label("Name: ",Label.RIGHT);
```

```

Label passp=new Label("Password: ",Label.RIGHT);

name=new TextField(12);

pass=new TextField(8);

pass.setEchoChar('?');


add(namep);

add(name);

add(passp);

add(pass);


name.addActionListener(this);

pass.addActionListener(this);


addWindowListener(new WindowAdapter() {

    public void windowClosing (WindowEvent we) {

        System.exit(0);

    }

});

}

public void actionPerformed(ActionEvent ae) {

    repaint();

}

public void paint(Graphics g) {

    g.drawString("Name: "+name.getText(), 20, 100);

```

```

        g.drawString("Selected text in name: "+name.getSelectedText(), 20, 120);

        g.drawString("Password: "+pass.getText(), 20, 140);

    }

    public static void main(String[] args) {

        TextFieldDemo appwin=new TextFieldDemo();

        appwin.setSize(new Dimension(380,180));

        appwin.setTitle("TextFieldDemo");

        appwin.setVisible(true);

    }

}

```

Output-

