



File Edit Format View Help

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

public class ButtonDemo extends Frame implements ActionListener{
    String msg = " ";
    Button yes, no, maybe;

    public ButtonDemo(){
        setLayout(new FlowLayout());

        yes = new Button("Yes");
        no = new Button("No");
        maybe = new Button("Undecided");

        add(yes);
        add(no);
        add(maybe);

        yes.addActionListener(this);
        no.addActionListener(this);
        maybe.addActionListener(this);

        addWindowListener(new WindowAdapter(){
            public void windowClosing(WindowEvent we){
                System.exit(0);
            }
        });
    }

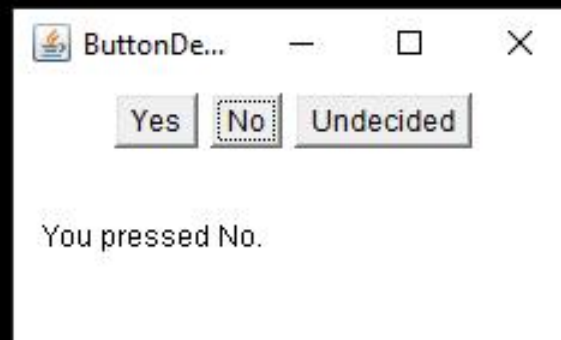
    public void actionPerformed(ActionEvent ae){
        String str = ae.getActionCommand();
        if(str.equals("Yes"))
            msg = "You pressed Yes.";
        else if(str.equals("No"))
            msg = "You pressed No.";
        else
```

```
        msg = "You pressed No.";
    else
        msg = "You pressed Undecided.";
    repaint();
}
public void paint (Graphics g){
    g.drawString(msg, 20, 100);
}
public static void main(String[] args){
    ButtonDemo appwin = new ButtonDemo();
    appwin.setSize(new Dimension(250, 150));
    appwin.setTitle("ButtonDemo");
    appwin.setVisible(true);
}
```

Command Prompt - java ButtonDemo

C:\Users\Pardeep\Desktop>javac ButtonDemo.java

C:\Users\Pardeep\Desktop>java ButtonDemo



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

public class CheckboxDemo extends Frame implements ItemListener{
    String msg = " ";
    Checkbox windows, android, solaris, mac;

    public CheckboxDemo(){
        setLayout(new FlowLayout());

        windows = new Checkbox("Windows", true);
        android = new Checkbox("Android");
        solaris = new Checkbox("Solaris");
        mac = new Checkbox("Mac OS");

        add(windows);
        add(android);
        add(solaris);
        add(mac);

        windows.addItemListener(this);
        android.addItemListener(this);
        solaris.addItemListener(this);
        mac.addItemListener(this);

        addWindowListener(new WindowAdapter(){
            public void windowClosing(WindowEvent we){
                System.exit(0);
            }
        });
    }


    public void itemStateChanged(ItemEvent ie){
        repaint();
    }

    public void paint (Graphics g){
```

```

public void paint (Graphics g){
    msg = "Current state: ";
    g.drawString(msg, 20, 120);
    msg = "  Windows: " + windows.getState();
    g.drawString(msg, 20, 140);
    msg = "  Android: " + android.getState();
    g.drawString(msg, 20, 160);
    msg = "  Solaris: " + solaris.getState();
    g.drawString(msg, 20, 180);
    msg = "  Mac OS: " + mac.getState();
    g.drawString(msg, 20, 200);
}
public static void main(String[] args){
    CheckboxDemo appwin = new CheckboxDemo();
    appwin.setSize(new Dimension(240, 220));
    appwin.setTitle("CheckboxDemo");
    appwin.setVisible(true);
}
}

```

 Command Prompt - java CheckboxDemo  
 C:\Users\Pardeep\Desktop>javac CheckboxDemo.java  
 C:\Users\Pardeep\Desktop>java CheckboxDemo

