

WEEK 12 EXTRA PROGRAM.

```
① import java.awt.*;
import java.awt.event.*;
public 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 ("maybe");
        bList[0] = (Button) add (yes);
        bList[1] = (Button) add (no);
        bList[2] = (Button) add (maybe);
        for (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() == bdist[i])
```

```
msg = "You pressed" + bdist[i].
```

```
getLabel();
```

```
}
```

```
repaint();
```

```
}
```

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

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

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

```
{
```

```
Buttondist aa = new Buttondist();
```

```
aa.setSize(new Dimension (230, 150));
```

```
aa.setTitle("Buttondist");
```

```
aa.setVisible(true);
```

```
}
```

```
}
```

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

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```
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 MyWindowAdapter()  
    {});
```

```
}
```



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

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

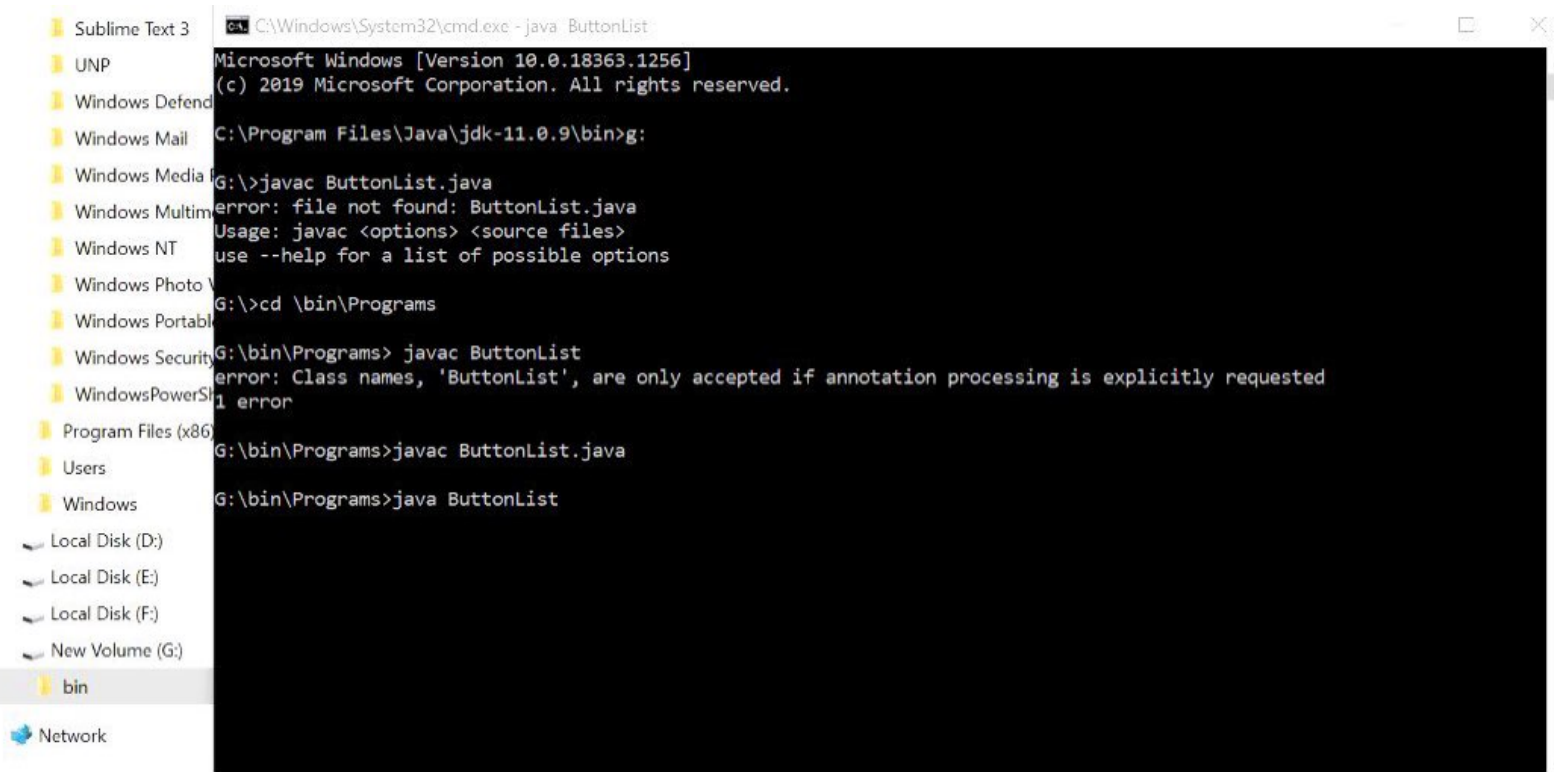
```
{
    g.drawString("Name:" + name.getText(), 6, 60);
    g.drawString("Selected text in name:" +
        name.getSelectedText(), 6, 80);
    g.drawString("Password:" + pass.getText(), 5, 100);
}
```

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

```
{
    JTextFieldDemo awin = new JTextFieldDemo();
    awin.setSize(new Dimension (300, 300));
    awin.setTitle("MouseEventDemo");
    awin.setVisible(true);
}
```

```
}
```

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



ButtonList - Notepad

File Edit Format View Help

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);

}

});

}

< 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100


```
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);
}
}
```

Name: Ishika
Selected Text in name:
Password: 1234

```
\bin\Programs>javac TextFieldDemo.java
```

```
\bin\Programs>java TextFieldDemo
```


TextFieldDemo - Notepad

File Edit Format View Help

```
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)
```

```
    {
```

```
        .....
    }
```

Ln 18, Col 19

100%

Windows (CRLF)

UTF-8

TextFieldDemo - Notepad

File Edit Format View Help

```
add(passport);
add(password);

name.addActionListener(this);
password.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: "+ password.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);
}
}
```