

Wk12extr1 - Notepad

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```
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 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);
}
}

class Wk12extr1{
```

Wk12extr1 - Notepad

```
File Edit Format View Help
Button yes = new Button("Yes");
Button no = new Button("No");
Button maybe = new Button("Undecided");

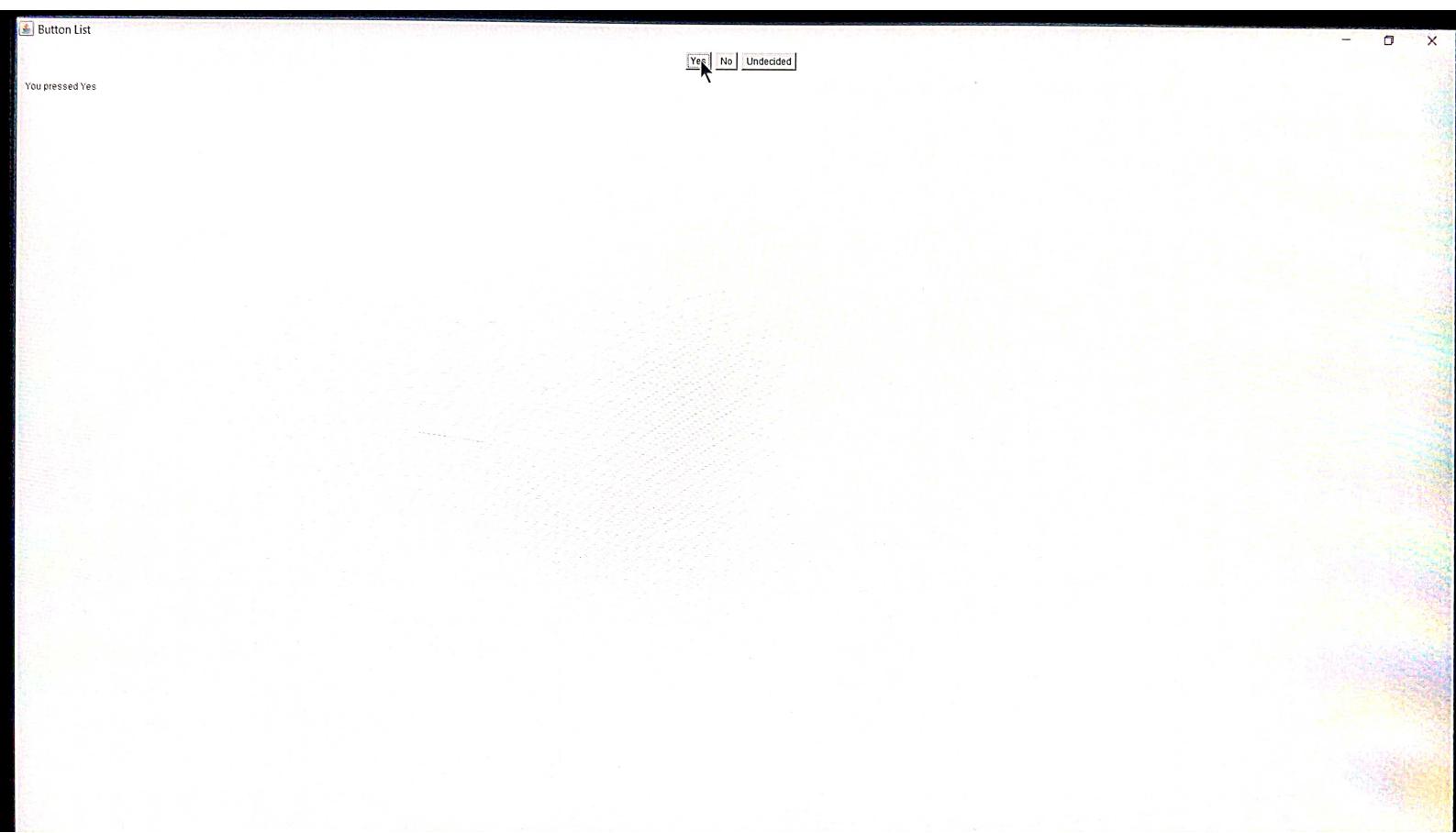
bList[0] = (Button)add(yes);
bList[1] = (Button)add(no);
bList[2] = (Button)add(maybe);

for(int i=0;i<3;i++){
bList[i].addActionListener(this);
}
addWindowListener(new MyWindowAdapter(){
public void 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);
}

class Wk12extr1{
public static void main(String[] args) {
ButtonList appwin = new ButtonList();
appwin.setSize(new Dimension(250,150));
appwin.setTitle("Button List");
appwin.setVisible(true);
}
}
```



Week 12

Extra Programs

```
1) import java.util.*;  
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", "Undefined");
```

```
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 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 ("xyz", 20, 100);  
}  
}  
}  
  
class Wk2extra1 {  
    public static void main (String [] args) {  
        ButtonList appwin = new ButtonList ();  
        appwin .setSize (new Dimension (250, 150));  
        appwin .setTitle ("Button List");  
        appwin .setVisible (true);  
    }  
}
```

TextFieldDemo - Notepad

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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 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("Pass: " + pass.getText(), 20, 140);
    }

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



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TextFieldDemo - Notepad

File Edit Format View Help

```
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);

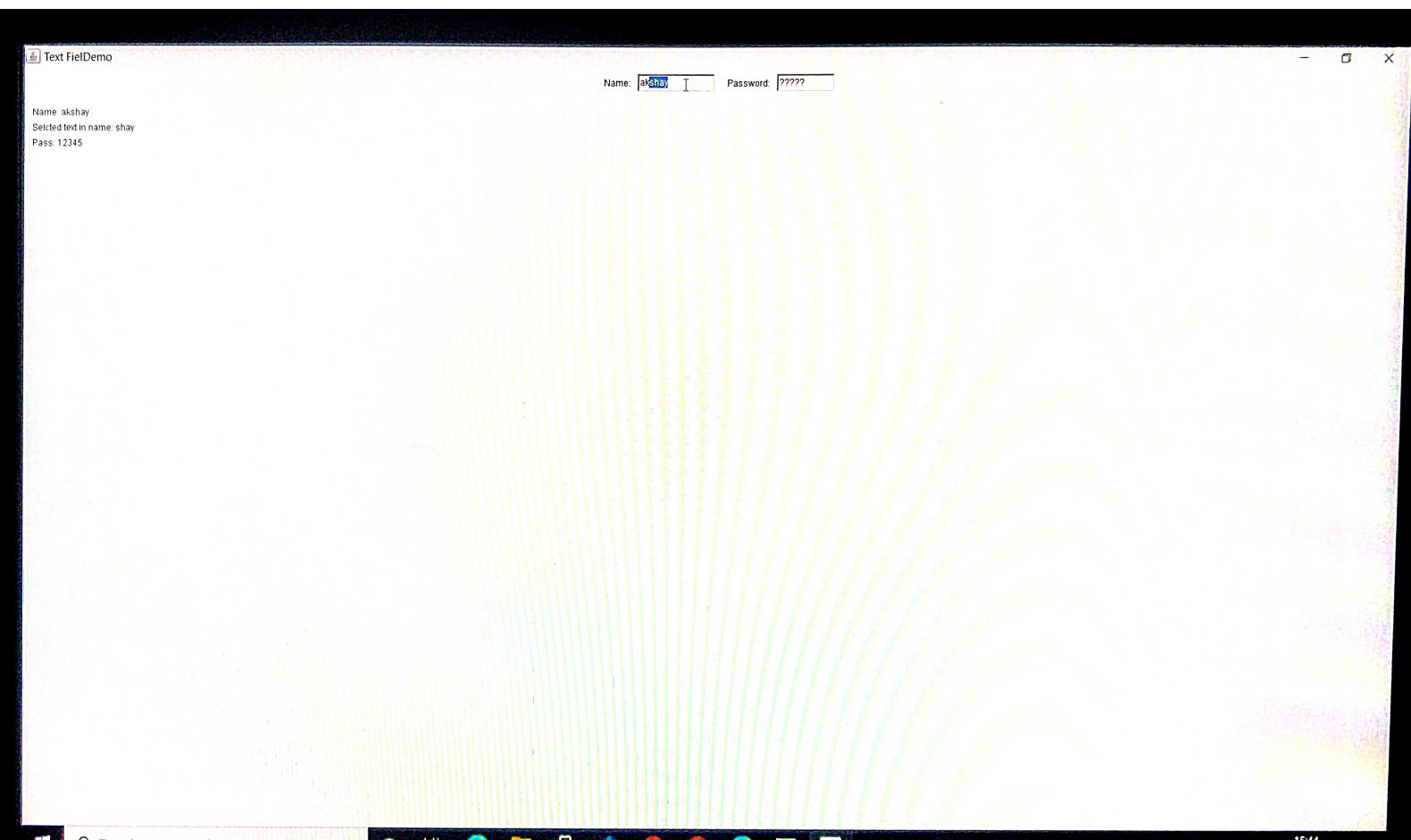
name.addActionListener(this);
pass.addActionListener(this);

addWindowListener(new MyWindowAdapter(){
public void 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("Selcted text in name: " + name.getSelectedText(), 20, 120);
g.drawString("Pass: " + pass.getText(), 20, 140);
}

public static void main(String[] args) {
TextFieldDemo appwin = new TextFieldDemo();
appwin.setSize(new Dimension(380,180));
appwin.setTitle("Text FieldDemo");
appwin.setVisible(true);
}
```



2) 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 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("Pass : " + pass.getText(), 20, 140);  
}  
  
public static void main(String[] args) {  
    TextfieldDemo appwin = new TextfieldDemo();  
    appwin.setSize(new Dimension(380, 180));  
    appwin.setTitle("Text Field Demo");  
    appwin.setVisible(true);  
}
```