

Extra programs

1) ButtonDemo

```
import java.util.*;
import java.lang.String;
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 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("Button Demo");
    appwin.setVisible(true);
}
}

```

2) TextField Demo

```

import java.util.*;
import java.lang.String;
import java.awt.*;
import java.awt.event.*;

```

```

public class TextField Demo extends Frame
implements ActionListener {

```

```

    TextField name, pass;

```

```

    public TextField Demo() {

```

```

        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);

```



```
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("TextField Demo");
    appwin.setVisible(true);
}
```