

## Practice Program - week 12

PAGE No.	
DATE	/ /

Q. Button Demo

```
CODE: import java.awt.*;
import java.awt.event.*;
public class ButtonDemo extends Frame
{
    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 Undecided Maybe";
}
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);
}
}

```



Q TextField Demo

```

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);
```

```
}
```

```
}
```