WEEK12

1)Button Demo:

CODE:

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

public class buttonMain extends Frame implements ActionListener
{
    String msg="";
    Button yes,no,maybe;
    public buttonMain()
    {
        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"))
```

```java
        {
            msg="You pressed Yes.";
        }
        else if(str.equals("No"))
        {
            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)
    {
        buttonMain appwin=new buttonMain();

        appwin.setSize(new Dimension(250,250));
        appwin.setTitle("Button-Demo");
        appwin.setVisible(true);
    }
}
```
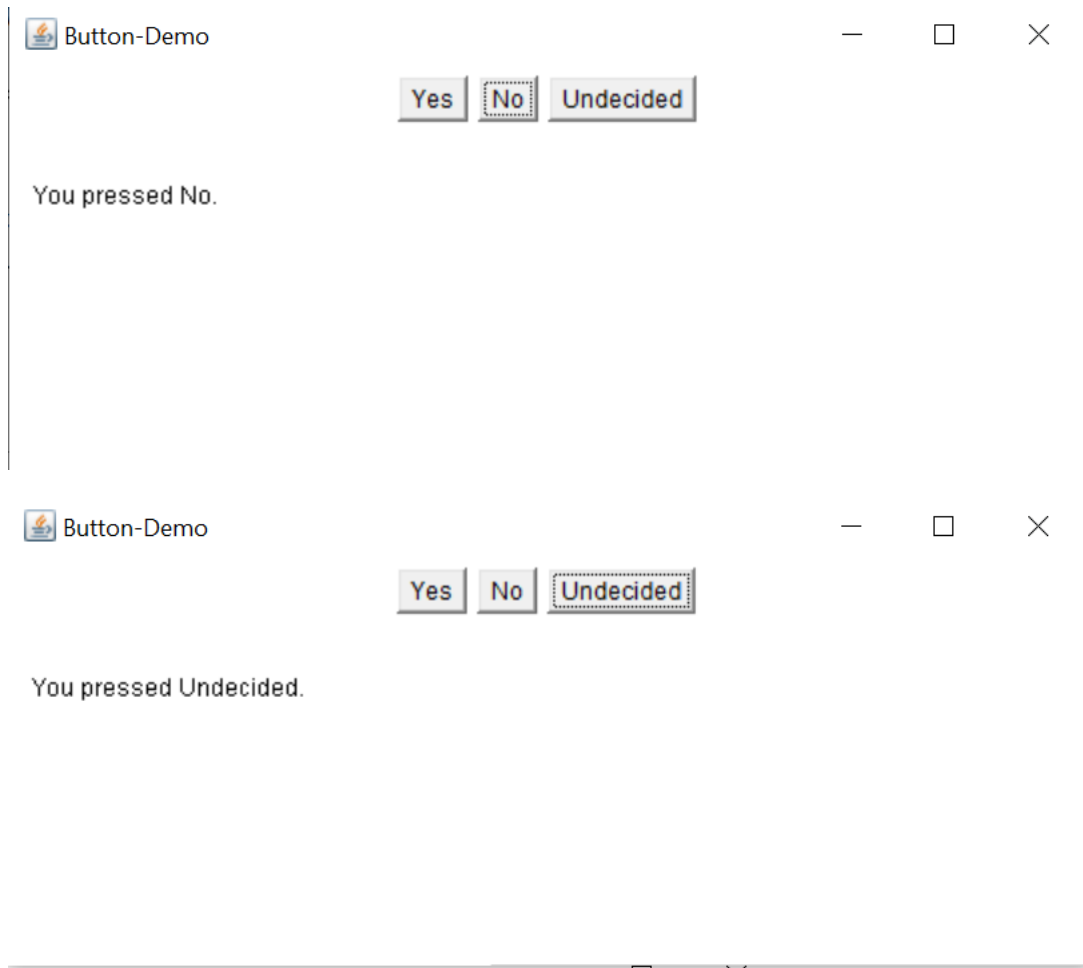
OUTPUT:

Button-Demo

Yes   No   Undecided

You pressed No.

Button-Demo

Yes   No   Undecided

You pressed Undecided.

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2)TextField Demo:

CODE:

```
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);
```

```java
        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);
    }

}
```

OUTPUT:

TextFieldDemo

Name: abcd mnop   Password: ****

Name: abcd mnop
Selected text in name:mnop
Password: 1234