Demonstrate Buttons using Applet program

import java.awt.\*;

import java.awt.event.\*;

import java.applet.\*;

import java.applet.AppletStub;

/\*

<applet code="ButtonDemo2.class" width=480 height=480>

</applet>

\*/

public class ButtonDemo2 extends Applet implements ActionListener

{

TextField name, pass,num;

Label l1,l2,i;

int opt=0;

TextField t1,t2;

String msg = "";//wow secondApplet;

Button yes, no, may,mo,btn,bo,c;

public void init()

{

Label namep = new Label("Login ID: ", Label.RIGHT);

Label passp = new Label("Password: ", Label.RIGHT);

name = new TextField(12);

pass = new TextField(12);

pass.setEchoChar('\*');

i=new Label("Welcome to FaceEmoji ");

l1=new Label("Enter Name :"); // creating a label with text as "enter a number"

btn=new Button("Login"); // creating button and writing caption on button

btn.addActionListener(this); // adding button on action event

l2=new Label ("Click on Login for enter your feeling "); // creating a label with text as "its square is "

t1=new TextField(15); // creating a TextField of size 5

t2=new TextField(20);

add(namep);

add(name);

add(passp);

add(pass);

add(i); // adding label

add(l1); // adding label

add(t1); // adding textfield

add(l2); // adding label

add(btn);

t2.setEditable(false);// setting the textfield as uneditable

add(t2); // adding textfield

yes = new Button("Wow");

no = new Button("Happy");

may = new Button("Sad");

mo=new Button("Smile");

bo=new Button("Angery");

c=new Button("SignOut");

add(yes);

add(no);

add(may);

add(mo);

add(bo);

add(c);

name.addActionListener(this);

pass.addActionListener(this);

yes.addActionListener(this);

no.addActionListener(this);

may.addActionListener(this);

mo.addActionListener(this);

bo.addActionListener(this);

c.addActionListener(this);

}

public void actionPerformed(ActionEvent ae)

{

String str = ae.getActionCommand();

// if clicked on calculate button it will perform following arithmatic operation

if(ae.getSource()==btn)

{

num =new TextField(10);//taking the value of textfield1 into num

t2.setText("You Succesfully Enter");//displaying the value of sqr in textfield2

}

if(str.equals("Wow"))

{

msg = "You pressed Wow.";

setBackground(Color.orange);

opt=1;

}

else if(str.equals("Login"))

{

msg = "You pressed Login.";

setBackground(Color.lightGray);

}

else if(str.equals("Happy"))

{

msg = "You pressed Happy.";

setBackground(Color.magenta);

opt=2;

}

else if(str.equals("Sad"))

{

msg = "You pressed Sad.";

setBackground(Color.lightGray);

opt=3;

}

else if(str.equals("Smile"))

{

msg = "You pressed Smile.";

setBackground(Color.pink);

opt=4;

}

else if(str.equals("Angery"))

{

msg = "You pressed Angery.";

setBackground(Color.cyan);

opt=5;

}

else if(str.equals("SignOut"))

{

setBackground(Color.white);

setForeground(Color.white);

msg = "Now you are logout .";

opt=6;

}

repaint();

}

public void paint(Graphics g)

{

g.setColor(Color.black);

Font i = new Font("Arial", Font.BOLD, 26);

g.setFont(i);

g.drawString("Login Id: " + name.getText(), 6, 160);

g.drawString("Selected text in Login Id is: "+ name.getSelectedText(), 6, 190);

g.drawString("Password: " + pass.getText(), 6, 220);

Font f = new Font("Arial", Font.BOLD, 26);

g.setFont(f);

g.setColor(Color.green);

g.drawString(msg, 10, 250);

switch(opt)

{

case 1: g.drawString(msg, 10, 250);

g.setColor(Color.red);

g.drawString(msg, 10, 250);

g.setColor(Color.yellow);

g.fillOval(20,320,150,150);

g.setColor(Color.white);

g.fillOval(53,360,15,25); //left

g.setColor(Color.black);

g.fillOval(57,371,8,8);

g.setColor(Color.white);

g.fillOval(120,360,15,25); //right

g.setColor(Color.black);

g.fillOval(124,371,8,8);

int x[]={95,85,106,95};

int y[]={385,404,404,385};

g.setColor(Color.red);

g.fillPolygon(x,y,4);

g.setColor(Color.black);

g.fillArc(76,415,38,38,0,360);

g.setColor(Color.red);

Font h= new Font("TimesRoman", Font.BOLD, 16);

g.setFont(h);

g.drawString("Ankit Virparia, [www.ankit.co](http://www.ankit.co/)", 10, 280);

g.drawString("Thank You for updating Your Feeling.", 10, 310);

break;

case 2:g.setColor(Color.yellow);

g.fillOval(20,320,150,150);

g.setColor(Color.white);

g.fillOval(53,360,15,25);

g.setColor(Color.black);

g.fillOval(57,371,8,8); //left

g.setColor(Color.white);

g.fillOval(120,360,15,25); //right

g.setColor(Color.black);

g.fillOval(124,371,8,8);

int u[]={95,105,86,95};

int v[]={385,404,404,385};

g.setColor(Color.red);

g.fillPolygon(u,v,4);

g.setColor(Color.blue);

g.fillArc(55,395,78,50,0,-180);

g.setColor(Color.red);

Font k= new Font("TimesRoman", Font.BOLD, 16);

g.setFont(k);

g.drawString("Ankit Virparia, [www.ankit.co](http://www.ankit.co/)", 10, 280);

g.drawString("Thank You for updating Your Feeling.", 10, 310);

break;

case 3:g.setColor(Color.yellow);

g.fillOval(20,320,150,150);

g.setColor(Color.black);

g.fillOval(53,375,15,6); //left

g.setColor(Color.white);

g.fillOval(120,360,15,25); //right

g.setColor(Color.black);

g.fillOval(124,371,8,8);

int w[]={95,85,106,95};

int z[]={385,404,404,385};

g.setColor(Color.red);

g.fillPolygon(w,z,4);

g.setColor(Color.black);

g.drawArc(55,420,78,50,0,180);

Font l= new Font("TimesRoman", Font.BOLD, 16);

g.setFont(l);

g.drawString("Ankit Virparia, [www.ankit.co](http://www.ankit.co/)", 10, 280);

g.drawString("Thank You for updating Your Feeling.", 10, 310);

break;

case 4:

g.setColor(Color.yellow);

g.fillOval(20,320,150,150);

g.setColor(Color.black);

g.fillOval(50,360,15,25);

g.fillOval(120,360,15,25);

int a[]={95,85,106,95};

int b[]={385,404,404,385};

g.drawPolygon(a,b,4);

g.drawArc(55,395,78,50,0,-180);

g.setColor(Color.red);

Font m= new Font("TimesRoman", Font.BOLD, 16);

g.setFont(m);

g.drawString("Ankit Virparia, [www.ankit.co](http://www.ankit.co/)", 10, 280);

g.drawString("Thank You for updating Your Feeling.", 10, 310);

break;

case 5:

//set red color

g.setColor(Color.red); //face

g.fillOval(20, 320, 150, 150);

//set black color

g.setColor(Color.black);

//eyes

g.fillOval(50, 360, 15, 25);

g.fillOval(120, 360, 15, 25);

//set yellow color

g.setColor(Color.blue);

//mouth

g.fillArc(55,395,78,50, 0, -180);

g.setColor(Color.red);

Font n= new Font("TimesRoman", Font.BOLD, 16);

g.setFont(n);

g.drawString("Ankit Virparia, [www.ankit.co](http://www.ankit.co/)", 10, 280);

g.drawString("Thank You for updating Your Feeling .", 10, 310);

break;

}

}

}



