**Ex. No: 1**

**import** java.applet.Applet;

**import** java.awt.event.\*;

**import** java.awt.\*;

/\* <applet code="Textf.class" width="600" height="800" /> \*/

**public** **class** Textf **extends** Applet **implements** ActionListener

{

TextField namet,passt;

**public** **void** init()

{

Label namep=**new** Label("Name:",Label.***RIGHT***);

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

namet=**new** TextField(12);

passt=**new** TextField(8);

passt.setEchoChar('?');

add(namep);

add(namet);

add(passp);

add(passt);

namet.addActionListener(**this**);

passt.addActionListener(**this**);

}

**public** **void** actionPerformed(ActionEvent e)

{

repaint();

}

**public** **void** paint(Graphics g)

{

g.drawString("Displayed Name:"+namet.getText(), 6, 60);

g.drawString("Selected Name :"+namet.getSelectedText(), 6, 80);

g.drawString("Password Shared:"+passt.getText(), 6, 100);

}

}

**Ex. No: 2**

**import** java.applet.Applet;

**import** java.awt.event.\*;

**import** java.awt.\*;

/\* <applet code="Prodf.class" width="600" height="800" /> \*/

**public** **class** Prodf **extends** Applet **implements** ActionListener, ItemListener

{

Label l1,l2,l3,l4,l5;

TextField t1,t2,t3,t4;

Choice os;

**public** **void** init()

{

setLayout(**new** GridLayout(5,2,10,10));

setFont(**new** Font("Times New Roman",Font.***BOLD***,20));

l1=**new** Label("PNo:",Label.***RIGHT***);

l2=**new** Label("PName:",Label.***RIGHT***);

l3=**new** Label("QS:",Label.***RIGHT***);

l4=**new** Label("UP:",Label.***RIGHT***);

l5=**new** Label("ASD:",Label.***RIGHT***);

t1=**new** TextField(12);

t2=**new** TextField(12);

t3=**new** TextField(12);

t4=**new** TextField(12);

os=**new** Choice();

os.add("perk");

os.add("munch");

os.add("dairy milk");

os.add("5 star");

os.add("choclate");

os.add("cadboury");

add(l1);

add(t1);

add(l2);

add(os);

add(l3);

add(t2);

add(l4);

add(t3);

add(l5);

add(t4);

os.addItemListener(**this**);

t2.addActionListener(**this**);

}

**public** **void** itemStateChanged(ItemEvent e)

{

**if**(os.getSelectedIndex()==0)

{

t3.setText("10");

}

**else** **if**(os.getSelectedIndex()==1)

{

t3.setText("12");

}

**else** **if**(os.getSelectedIndex()==2)

{

t3.setText("15");

}

**else** **if**(os.getSelectedIndex()==3)

{

t3.setText("20");

}

**else** **if**(os.getSelectedIndex()==4)

{

t3.setText("30");

}

**else** **if**(os.getSelectedIndex()==5)

{

t3.setText("40");

}

**else**

{

t3.setText("7");

}

}

**public** **void** actionPerformed(ActionEvent e)

{

**int** qs, asd,up;

qs=Integer.*parseInt*(t2.getText());

up=Integer.*parseInt*(t3.getText());

asd=qs\*up;

t4.setText(String.*valueOf*(asd));

repaint();

}

}

**Ex. No: 3**

**import** java.applet.Applet;

**import** java.awt.event.\*;

**import** java.awt.\*;

/\* <applet code="Prodf.class" width="600" height="800" /> \*/

**public** **class** Prodf **extends** Applet **implements** AdjustmentListener

{

Scrollbar v1,v2,v3;

TextField t1,t2,t3;

Color c1;

**public** **void** init()

{

v1=**new** Scrollbar(Scrollbar.***VERTICAL***,1,2,1,255);

v2=**new** Scrollbar(Scrollbar.***VERTICAL***,1,2,1,255);

v3=**new** Scrollbar(Scrollbar.***VERTICAL***,1,2,1,255);

t1=**new** TextField("0",5);

t2=**new** TextField("0",5);

t3=**new** TextField("0",5);

add(v1);

add(v2);

add(v3);

add(t1);

add(t2);

add(t3);

v1.addAdjustmentListener(**this**);

v2.addAdjustmentListener(**this**);

v3.addAdjustmentListener(**this**);

}

**public** **void** adjustmentValueChanged(AdjustmentEvent e)

{

**if**(e.getAdjustable()==v1)

{

t1.setText(v1.getValue()+"");

}

**if**(e.getAdjustable()==v2)

{

t2.setText(v2.getValue()+"");

}

**if**(e.getAdjustable()==v3)

{

t3.setText(v3.getValue()+"");

}

repaint();

}

**public** **void** paint(Graphics g)

{

c1=**new** Color(Integer.*parseInt*(t1.getText()),Integer.*parseInt*(t2.getText()),Integer.*parseInt*(t3.getText()));

g.setColor(c1);

g.fillRect(100, 100, 150, 200);

}

}

**Ex. No: 4**

**import** java.applet.Applet;

**import** java.awt.TextArea;

/\*<applet code=Textarea.class width=400 height=400/> \*/

**public** **class** Textarea **extends** Applet

{

**public** **void** init()

{

String val="Alliance University"+"\n"+"Department of Computer Science and Engineering Welcomes you ALL";

TextArea text=**new** TextArea(val,10,30);

add(text);

}

}

**Ex. No: 5**

import java.awt.\*;

import java.awt.event.\*;

public class ListExample

{

ListExample()

{

Frame f= new Frame();

final Label label = new Label();

label.setAlignment(Label.CENTER);

label.setSize(500,100);

Button b=new Button("Show");

b.setBounds(200,150,80,30);

final List l1=new List(4, false);

l1.setBounds(100,100, 70,70);

l1.add("C");

l1.add("C++");

l1.add("Java");

l1.add("PHP");

final List l2=new List(4, true);

l2.setBounds(100,200, 70,70);

l2.add("Turbo C++");

l2.add("Spring");

l2.add("Hibernate");

l2.add("CodeIgniter");

f.add(l1); f.add(l2); f.add(label); f.add(b);

f.setSize(450,450);

f.setLayout(null);

f.setVisible(true);

b.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String data = "Programming language Selected: "+l1.getItem(l1.getSelectedIndex());

data += ", Framework Selected:";

for(String frame:l2.getSelectedItems()){

data += frame + " ";

}

label.setText(data);

}

});

f.addWindowListener(**new** WindowAdapter(){

**public** **void** windowClosing(WindowEvent w)

{

w.getWindow().dispose();

}

});

}

public static void main(String args[])

{

new ListExample();

}

}