**JAVA PBLE**

* **1.Program to implement arithmetic calculator (+,-,\*,/) using different awt components and event handling**

import java.applet.\*;

import java.awt.\*;

import java.awt.event.\*;

/\*<applet code=a4width=300 height=300></applet>\*/

public class a4 extends Applet implements ActionListener

{Label l1,l2;

TextField t1,t2,t3;

Button b1,b2,b3,b4;

public void init()

{

setLayout(new FlowLayout());

l1=new Label("Number 1");

l2=new Label("Number 2");t1=new TextField(5);

t2=new TextField(5);

t3=new TextField(5);

b1=new Button("Add");

b2=new Button("Sub");

b3=new Button("Mul");

b4=new Button("Div");

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

b4.addActionListener(this);

add(l1);

add(t1);

add(l2);

add(t2);

add(b1);

add(b2);

add(b3);

add(b4);

add(t3);

}

public void actionPerformed(ActionEvent ae)

{String s=ae.getActionCommand();

int n1=Integer.parseInt(t1.getText());

int n2=Integer.parseInt(t2.getText());

int n;

if(s.equals("Add"))

{n=n1+n2;}else if(s.equals("Sub"))

{n=n1-n2;

}

else if(s.equals("Mul"))

{n=n1\*n2;

}else

{n=n1/n2;

}

String p=Integer.toString(n);

t3.setText(p);

}}

Output

