Ex Week-12- lab program-10

```java
import java.util.EventObject;
import java.awt.*;
import java.awt.event.*;
public class DOP10 extends Frame implements
   ActionListener
{  Button b;
   TextField n1, n2, r;
   public DOP10()
   {   setLayout (new FlowLayout());
       b = new Button("Divide");
       Label numb1 = new Label("Num1: ", Label.RIGHT);
       n1 = new TextField(10);
       add(numb1);
       add(n1);
       Label numb2 = new Label("Num2: ", Label.RIGHT);
       n2 = new TextField(10);
       add(numb2);
       add(n2);
       Label res = new Label("Result: ", Label.RIGHT);
       r = new TextField(20);
       add(res);
       add(r);
       add(b);
       b.addActionListener(this);
       addWindowListener(new MyWindowAdapter());
   }
   public void actionPerformed(ActionEvent ae)
   {   int i=0, j=0;
       try {
           i = Integer.parseInt(n1.getText());
           j = Integer.parseInt(n2.getText());
       }
```

```java
catch(NumberFormatException e)
{    r.setText("Number Format Exception");
    return;
}

try
{    if(j==0)
        throw new ArithmeticException();
    double q = (double)i/j;
    String s = Double.toString(q);
    r.setText(s);
}
catch(ArithmeticException e)
{    r.setText("Arithmetic Exception");
}
repaint();
}
public void paint(Graphics g)
{    g.drawString(" ", 20, 60);
}
public static void main(String args[])
{    oop10 appwin = new oop10();
    appwin.setSize(new Dimension(380,180));
    appwin.setTitle("Division");
    appwin.setVisible(true);
}
}
class MyWindowAdapter extends WindowAdapter
{    public void windowClosing(WindowEvent we)
    { System.exit(0);}
}
```