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

public class oop10 extends Frame implements ActionListener
{
    Button b;
    TextField n1, n2, r;

    public oop10()
    {
        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
        {

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        i=Integer.parseInt(n1.getText());
        j=Integer.parseInt(n2.getText());
    }
    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(" ",20,100);
}

public static void main(String args[])
{
    oop10 appwin=new oop10();

    appwin.setSize(new Dimension(380,180));

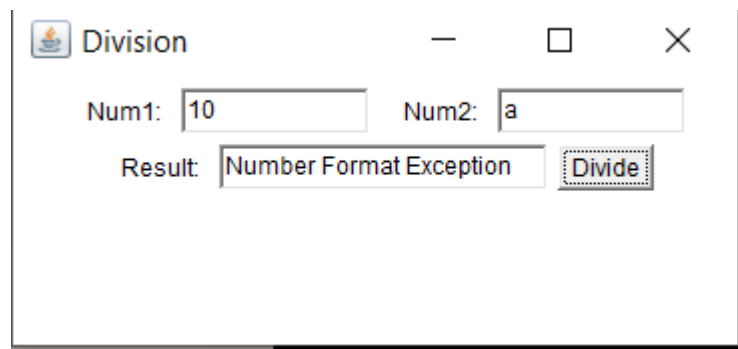
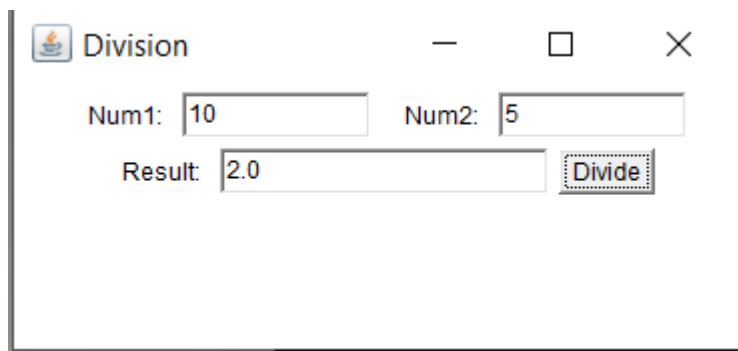
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        appwin.setTitle("Division");
        appwin.setVisible(true);
    }
}

class MyWindowAdapter extends WindowAdapter
{
    public void windowClosing(WindowEvent we)
    {
        System.exit(0);
    }
}


```



 Division — □ ×

Num1:  Num2:

Result:

 Division — □ ×

Num1:  Num2:

Result: