● integerdivision.java > 🛱 integerdivision > 🖸 integerdivision()

```java
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class integerdivision extends Frame implements ActionListener{
    String msg="";
    TextField n1,n2,res;
    Label ln1,ln2,lres;
    Button b;
    public integerdivision(){
        setLayout(new FlowLayout());
        Label ln1=new Label("NUMBER 1",Label.RIGHT);
        Label ln2=new Label("NUMBER 2",Label.RIGHT);
        Label lres=new Label("RESULT",Label.RIGHT);
        n1=new TextField(12);
        n2=new TextField(8);
        res=new TextField(10);
        b=new Button("DIVIDE");
        add(ln1);
        add(n1);
        add(ln2);
        add(n2);
        add(b);
        add(lres);
        add(res);
        b.addActionListener(this);
    addWindowListener(new WindowAdapter1());
    }
    public void actionPerformed(ActionEvent ae)
    {
        if(ae.getSource()==b)
        {
            try{
                int num1=Integer.parseInt(n1.getText());
                int num2=Integer.parseInt(n2.getText());
                int num3=num1/num2;
                res.setText(String.valueOf(num3));
            }catch(NumberFormatException ne ){
                JOptionPane.showMessageDialog(this, ne, "ERROR", JOptionPane.ERROR
```

```java
34              int num2=Integer.parseInt(n2.getText());
35              int num3=num1/num2;
36              res.setText(String.valueOf(num3));
37          }catch(NumberFormatException ne ){
38              JOptionPane.showMessageDialog(this,ne,"ERROR", JOptionPane.ERROR_MESSAGE);
39           /* msg="NUMBERFORMAT EXCEPTION";
40             repaint();*/
41          }
42          catch(ArithmeticException a){
43              JOptionPane.showMessageDialog(this,a,"ERROR", JOptionPane.ERROR_MESSAGE);
44              /*msg="ARITHMETIC EXCEPTION";
45              repaint();*/
46          }
47      }
48  }
49  /*public void paint(Graphics g)
50  {
51      g.drawString(msg,200,200);
52  }*/
    Run | Debug
53  public static void main(String args[])
54  {
55      integerdivision i=new integerdivision();
56      i.setSize(new Dimension(300,300));
57      i.setTitle("INTEGER DIVISION OF TWO NUMBERS");
58      i.setVisible(true);
59  }
60
61  class WindowAdapter1 extends WindowAdapter{
62      public void windowClosing(WindowEvent we)
63      {
64          System.exit(0);
65      }
66  }
67  }
```
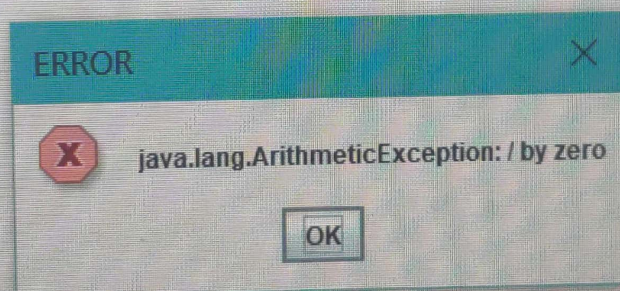
NUMBER 1 1   NUMBER 2 0   DIVIDE   RESULT

ERROR   X

X   java.lang.ArithmeticException: / by zero

OK

NUMBER 1 1   NUMBER 2 0   DIVIDE   RESULT

NUMBER 1 |1.68   NUMBER 2 |6   DIVIDE| RESULT |

ERROR   ✕

X   java.lang.NumberFormatException: For input string: "1.68"

OK

NUMBER 1 `10` NUMBER 2 `6` [DIVIDE] RESULT `1`