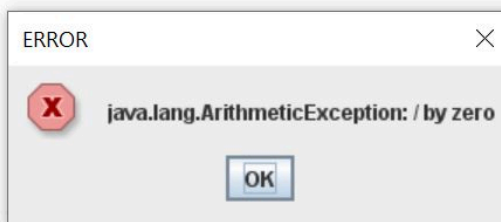File Edit Format View Help

```java
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class integerdivision extends Frame implements ActionListener{
 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));
```

```java
 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_MESSAGE);
 }
 catch(ArithmeticException a){
 JOptionPane.showMessageDialog(this,a,"ERROR", JOptionPane.ERROR_MESSAGE);
 }
 }
 }
public static void main(String args[])
{
 integerdivision i=new integerdivision();
 i.setSize(new Dimension(400,400));
 i.setTitle("INTEGER DIVISION OF TWO NUMBERS");
 i.setVisible(true);
}
class WindowAdapter1 extends WindowAdapter{
 public void windowClosing(WindowEvent we)
 {
 System.exit(0);
 }
}
}
```

NUMBER 1 `100`   NUMBER 2 `2`   DIVIDE   RESULT `50`

INTEGER DIVISION OF TWO NUMBERS

NUMBER 1 `100` NUMBER 2 `0` DIVIDE RESULT

ERROR

java.lang.ArithmeticException: / by zero

OK

Type here to search

ENG
10:25
22-12-2020

INTEGER DIVISION OF TWO NUMBERS

NUMBER 1 `100` NUMBER 2 `aaa` DIVIDE RESULT

ERROR

java.lang.NumberFormatException: For input string: "aaa"

OK