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1 import java.awt.*;
2 import java.awt.event.*;
3 import javax.swing.*;
4 public class integerdivision extends Frame implements ActionListener
5 {
6     TextField n1,n2,res;
7     Label ln1,ln2,lres;
8     Button b;
9     public integerdivision() {
10         setLayout(new FlowLayout());
11         Label ln1=new Label("NUMBER 1",Label.RIGHT);
12         Label ln2=new Label("NUMBER 2",Label.RIGHT);
13         Label lres=new Label("RESULT",Label.RIGHT);
14         n1=new TextField(12);
15         n2=new TextField(8);
16         res=new TextField(10);
17         b=new Button("DIVIDE");
18         add(ln1);
19         add(n1);
20         add(ln2);
21         add(n2);
22         add(b);
23         add(lres);
24         add(res);
25         b.addActionListener(this);
26         addWindowListener(new WindowAdapter1());
27     }
28     public void actionPerformed(ActionEvent ae)
29     {
30         if(ae.getSource()==b)
31         {
32             try
33             {
34                 int num1=Integer.parseInt(n1.getText());
35                 int num2=Integer.parseInt(n2.getText());
36                 int num3=num1/num2;
37                 res.setText(String.valueOf(num3));
38             }

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27 }
28 public void actionPerformed(ActionEvent ae)
29 {
30     if(ae.getSource()==b)
31     {
32         try
33         {
34             int num1=Integer.parseInt(n1.getText());
35             int num2=Integer.parseInt(n2.getText());
36             int num3=num1/num2;
37             res.setText(String.valueOf(num3));
38         }
39         catch(NumberFormatException ne )
40         {
41             JOptionPane.showMessageDialog(this,ne,"ERROR", JOptionPane.ERROR_MESSAGE);
42         }
43         catch(ArithmeticException a)
44         {
45             JOptionPane.showMessageDialog(this,a,"ERROR", JOptionPane.ERROR_MESSAGE);
46         }
47     }
48 }
49 public static void main(String args[])
50 {
51     integerdivision i=new integerdivision();
52     i.setTitle("Integer Division of Two Numbers");
53     i.setVisible(true);
54 }
55
56 class WindowAdapter1 extends WindowAdapter
57 {
58     public void windowClosing(WindowEvent we)
59     {
60         System.exit(0);
61     }
62 }
63 }
64

```

NUMBER 1  NUMBER 2   RESULT

NUMBER 1  NUMBER 2   RESULT

NUMBER 1  NUMBER 2   RESULT



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