```
1  import java.awt.*;
2  import java.awt.event.*;
3  import javax.swing.*;
4  public class integerdivision extends Frame implements ActionListener{
5    TextField n1,n2,res;
6    Label ln1,ln2,lres;
7    Button b;
8    public integerdivision(){
9     setLayout(new FlowLayout());
10    Label ln1=new Label("NUMBER 1",Label.RIGHT);
11    Label ln2=new Label("NUMBER 2",Label.RIGHT);
12    Label lres=new Label("RESULT",Label.RIGHT);
13    n1=new TextField(12);
14    n2=new TextField(8);
15    res=new TextField(10);
16    b=new Button("DIVIDE");
17    add(ln1);
18    add(n1);
19    add(ln2);
20    add(n2);
21    add(b);
22    add(lres);
23    add(res);
24    b.addActionListener(this);
25    addWindowListener(new WindowAdapter1());
26   }
27   public void actionPerformed(ActionEvent ae)
```

```
{
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);
 }
```