```
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("NUMBNumber
                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(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 voiod windowClosing (WindowEvent we)
{  System.exit(0);
}
}
```