```java
import java.awt.*;
import java.awt.event.*;

class SampleDialog extends Dialog implements ActionListener {
    Divider bld;
    SampleDialog (Frame parent, String title) {
        super (parent, title, false);
        bld = (Divider) parent;
        setLayout (new FlowLayout());
        setSize (500, 150);
        add (new Label (bld.msg));
        Button b = new Button ("OK");
        add (b);
        b.addActionListener (this);
    }
    public void actionPerformed (ActionEvent ae) {
        dispose();
    }
}

public class Divider extends Frame implements ActionListener {
    TextField num1, num2, result;
    String msg = "";
    Button divide;
    public Divider() {
        setLayout( new FlowLayout());
        Label n1 = new Label ("Num 1: ");
        Label n2 = new Label ("Num 2: ");
        Label res = new Label ("Result: ");
        Button b = new Button ("Divide");
```

```java
num1 = new TextField();
num1.setBounds(50, 50, 150, 20);
num2 = new TextField();
num2.setBounds(50, 100, 150, 20);
result = new TextField();
result.setBounds(50, 150, 150, 20);
result.setEditable(false);


add(n1);
add(num1);
add(n2);
add(num2);
divide = (Button) add(b);
add(res);
add(result);


num1.addActionListener(This);
num2.addActionListener(this);
divide.addActionListener(this);
addWindowListener(new myWindowAdapter());
}
public void actionPerformed(ActionEvent ae) {
    String s1 = num1.getText();
    String s2 = num2.getText();
    int a = Integer.parseInt(s1);
    int b = Integer.parseInt(s2);
    int c = 0;
    if (ae.getSource() == divide) {
        try {
            c = a/b;
            String r = String.valueof(c);
```

```java
        result.setText(r);
    } catch (NumberFormatException e) {
        msg = " " + e;
        SampleDialog d = new SampleDialog (This, "Dialog");
        d.setVisible (true);
    } catch (ArithmeticException e) {
        msg = " " + e;
        SampleDialog d = new SampleDialog (This, "Dialog");
        d.setVisible(true);
    }
  }
}

    public static void main (String [] args) {
        Divider d = new Divider();
        d.setSize (new Dimension (400, 200));
        d.setTitle ("INTEGER DIVISION");
        d.setVisible (true);
    }
}


class myWindowAdapter extends WindowAdapter {
    public void windowClosing (WindowEvent we) {
        System.exit(0);
    }
}
```