

```

import java.awt.*;
import java.awt.event.*;
class SampleDialog extends Dialog implements ActionListener
{
    IntDivUp idu;
    SampleDialog(Frame parent, String title)
    {
        super(parent, title, false);
        idu = (IntDivUp)parent;
        setLayout(new FlowLayout());
        setSize(500, 200);
        add(new Label(idu.errmsg));
        Button b;

        add(b = new Button("OK"));
        b.addActionListener(this);
    }

    public void actionPerformed(ActionEvent ae)
    {
        dispose();
    }
}

public class IntDivUp extends Frame implements ActionListener
{
    TextField Num1, Num2, Result;
    Button Divide;
    String errmsg = " ";
    public IntDivUp()
    {
        setLayout(new FlowLayout());
        Divide = new Button("Divide");
        Label Num1p = new Label("Num1:", Label.RIGHT);
        Label Num2p = new Label("Num2:", Label.RIGHT);
        Num1 = new TextField(10);
        Num2 = new TextField(10);
        Result = new TextField(10);

        add(Num1p);
        add(Num1);
        add(Num2p);
        add(Num2);
        add(Divide);
        add(Result);
        Divide.addActionListener(this);
        addWindowListener(new WindowAdapter() {

```



```

public void WindowClosing(WindowEvent we)
{
    System.exit(0);
}
});
}
public void actionPerformed(ActionEvent ae)
{
    int a=0, b=1, r=0;
    try { a = Integer.parseInt(Num1.getText());
        b = Integer.parseInt(Num2.getText()); }
    catch (NumberFormatException e)
    { errormsg = "Caught: " + e;
      SampleDialog d = new SampleDialog(this, "Dialog");
      d.setVisible(true); }
    Result.setText(" " + r);
}
public static void main(String args[])
{
    IntDivUp appwin = new IntDivUp();
    appwin.setSize(new Dimension(700, 700));
    appwin.setTitle("Integer Division");
    appwin.setVisible(true);
}
}

```