```java
import java-awt.*;
import java-awt-event.*;
import java-swing.*;
public class integerdivision extends Frame implements
                                    ActionListener
{
  TextField vn1, vn2, res;
  Label ln1, ln2, lres;
  Button b;

  Public integerdivision()
  {
    set Layout = (new FlowLayout());
    Label ln1 = new Label ("NUMBER 1", Label.RIGHT);
    Label ln2 = new Label ("NUMBER 2", Label.RIGHT);
    Label lres = new Label ("RESULT", Label.RIGHT);
    vn1 = new TextField (12);
    vn2 = new TextField (8);
    res = new TextField (10);
    b = new Button ("DIVIDE");
    add (ln1);
    add (vn1);
    add (ln2);
    add (vn2);
    add (b);
    add (lres);
    add (res);
    b.addActionListener (this);
    addWindowListener (new WindowAdapter1());
```

3

```java
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.setTitle("Integer Division of two Numbers");
    i.setVisible (true);
}
```

```
class windowAdapter 1 extends windowAdapter
{
  Public void windowclosing (windowEvent we)
  {
    system.exit(o);
  }
}
```