

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

public class windowdivision extends frame implements Action
Listener

{

Text Field n1, n2, res;

Label ln1, ln2, lres;

Button b;

Public Integer division()

{

setLayout (new FlowLayout());

Label ln1 = new Label ("Number 1", Label.RIGHT);

Label ln2 = new Label ("Number 2", Label.RIGHT);

n1 = new Text Field (12);

n2 = new Text field (8);

res = new Text field (10);

b = new Button ("DIVISION");

add (ln1);

add (n1);

add (ln2);

add (n2);

Public void actionPerformed (ActionEvent e)

{

if (ac.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 e)

{

JOptionPane.showMessageDialog(this, e.getMessage(),

JOptionPane.ERROR_MESSAGE);

}
catch

(ArithmeticException a)

{

JOptionPane.showMessageDialog(this, "DIVISION BY ZERO ERROR",

JOptionPane.ERROR_MESSAGE);

}

}

```
public static void main (String args[])
```

```
{  
    Integer Division i = new IntegerDivision ();
```

```
    i.setSize (new Dimension (200, 400)) ;
```

```
    i.setTitle ("Integer Division of Two Numbers");
```

```
    i.setVisible (true);
```

```
}
```

```
class WindowAdaptor extends WindowAdapter
```

```
{  
    public void windowClosing (WindowEvent we)
```

```
{  
        System.exit(0);
```

```
}
```

```
}
```

```
}
```