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

class SampleDialog extends Dialog implements ActionListener
{
    Division div;
    SampleDialog(Frame parent, String title)
    {
        super(parent, title, false);
        div=(Division)parent;
        setLayout(new FlowLayout());
        setSize(400, 150);
        add(new Label(div.msg));
        Button b;
        add(b = new Button("OK"));
        b.addActionListener(this);
    }

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


public class Division extends Frame implements ActionListener
{
    String msg = "";
    String msg1 = "";
    TextField n1, n2, res;
    Button b;
    Label result = new Label("Result :", Label.RIGHT);

    public Division()
    {
        setLayout(new FlowLayout());
        Label num1 = new Label("Number 1 : ", Label.RIGHT);
        Label num2 = new Label("Number 2 :", Label.RIGHT);
        Button div = new Button("Divide");
        n1 = new TextField(10);
```

```java
            n2 = new TextField(10);
            res = new TextField(35);

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

            n1.addActionListener(this);
            n2.addActionListener(this);
            b.addActionListener(this);

            addWindowListener(new WindowAdapter() {
                public void windowClosing(WindowEvent we) {
                    System.exit(0);
                }
            });
    }

    public static void main(String[] args)
    {
        Division appwin = new Division();
        appwin.setSize(new Dimension(450, 180));
        appwin.setTitle("Integer-Division");
        appwin.setVisible(true);
    }

    public void actionPerformed(ActionEvent ae)
    {
        if(!(n1.getText().equals("")) && !(n2.getText().equals("")))
        {
            try
            {
                msg1 = ""+(Integer.parseInt(n1.getText()) / Integer.parseInt(n2.getText()));
                res.setText(msg1);
            }
            catch(NumberFormatException e)
```

```java
        {
            Division appwin = new Division();
            appwin.setSize(new Dimension(450, 180));
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        }

    public void actionPerformed(ActionEvent ae)
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        if(!(n1.getText().equals("")) && !(n2.getText().equals("")))
        {
            try
            {
                msg1 = ""+(Integer.parseInt(n1.getText()) / Integer.parseInt(n2.getText()));
                res.setText(msg1);
            }
            catch(NumberFormatException e)
            {
                msg = "ERROR : ONLY INTEGER INPUT IS ALLOWED!";
                res.setText("");
                SampleDialog d = new  SampleDialog(this, "ERROR");
                d.setVisible(true);
            }
            catch(ArithmeticException e)
            {
                msg = "ERROR : CANNOT DIVIDE BY ZERO!";
                res.setText("");
                SampleDialog d = new  SampleDialog(this, "ERROR");
                d.setVisible(true);
            }
        }
        else
        {
            msg = "ERROR : Number fields should NOT be EMPTY!";
            res.setText("");
            SampleDialog d = new  SampleDialog(this, "ERROR");
            d.setVisible(true);
        }
    }
}
```

Integer-Division

Number 1 : 120   **Number 2 :** 3 | Divide |

Result : 40

Integer-Division

Number 1 : 12.3   **Number 2 :** 4 | Divide |

Result :

ERROR

ERROR : ONLY INTEGER INPUT IS ALLOWED! | OK |

Integer-Division

Number 1 : 500   **Number 2 :** 0 | Divide |

Result :

ERROR

ERROR : CANNOT DIVIDE BY ZERO! | OK |