LIKITHA·B
1BM19CS079

```java
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class division extends Frame implements ActionListener{
    TextField n1, n2, res;
    Label ln1, ln2, lres;

    Button b;
    public division(){

        setLayout( 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);
        n1 = newTextField(12);
        n2 = newTextField(8);
        res = new TextField(10);
        b = new Button("DIVIDE");
        add(ln1);
        add(n1);
        add(n2);
        add(n2);
        add(b);
        add(lres);
        add(res);
        b.addActionListener(this);
        addWindowListener(new WindowAdapter1());
    }
```

```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",JOption
            Pane.ERROR_MESSAGE);

        }
    }
}
public static void main (String args[])
{
    IntegerDivision t = new IntegerDivision();
    t.setSize (new Dimension(700,300));
    t.setTitle("DIVISION OF TWO INTEGERS");
    t.setVisible (true);
}
class WindowAdapter1 extends WindowAdapter{
    public void windowClosing (WindowEvent we)
    {
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        System.exit(0);

    }
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```