DAYANAND
LBMMPC5043

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

Public class IntDiv extends Frame implements ActionListener
{ TextField Num1, Num2, Result,
  Button Divide;
String errmsg="";

Public IntDiv()
{ setLayout (new FlowLayout());
 Divide= new Button ("Divide");

Label Num1p = new Label("Num1:",Label.RIGHT);
Label Num2p= new Label("Num2:",Label.RIGHT);
Label ~~Num~~Resultp = new Label("Result:", 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(Resultp);
  add(Result);
Num1.addActionListener(this);
Num2.addActionListener(this);
Divide.addActionListener(this);
```

Method

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1BM19CS043

```
addwindowListener(new WindowAdapter(){
 Public Void windowClosing(WindowEvent we)
 {System.exit(0);}
  });
  }
 Public void actionPerformed(ActionEvent ae)
 { String str = ae.getActionCommand();
  int a=0, b=1, r=0;
  if(str.equals("Divide"))
  { try
  {a=integer.parseInt(Num1.getText());
   b=integer.parseInt(Num2.getText()); }
  Catch(NumberFormatException e)
  {errmsg = "Caught: "+e; }
  try
  { r=a/b; }
   Catch(ArithmeticException e)
  { errmsg="Caught:"+e+"Num2="+b; }
    Result.setText(""+r);
    repaint();
    }
    Public ~~void~~ static void main(String args[])
  {IntDIV appwin = newIntDiV();
  appwin.setSize(new Dimension(700,700));
   appwin.setTitle("Integer Division");
   appwin.setVisible(true);
   }
```

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