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

public class Division extends Frame implements ActionListener{
    TextField num1,num2,result;
    Button b1;
    String msg="";
    public Division()
    {
        setLayout(new FlowLayout());
        Label num1p=new Label("Number1: ",Label.RIGHT);
        Label num2p=new Label("Number2: ",Label.RIGHT);
        b1=new Button("Divide");
        Label resultp=new Label("Result: ",Label.RIGHT);
        num1=new TextField(12);
        num2=new TextField(12);
        result=new TextField(12);
        add(num1p);
        add(num1);
        add(num2p);
        add(num2);
        add(b1);
        add(resultp);
        add(result);
        num1.addActionListener(this);
        num2.addActionListener(this);
        b1.addActionListener(this);
        addWindowListener(new WindowAdapter()
        {
            public void windowClosing(WindowEvent we){
                System.exit(0);
            }
        });
    }
}

```

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public void actionPerformed(ActionEvent ae)
{
    if(!(num1.getText().equals("")) && !(num2.getText().equals("")))
    try
    {
        int x=Integer.parseInt(num1.getText());
        int y= Integer.parseInt(num2.getText());
        int z;
        z=x/y;
        msg=msg+z;
    }
    catch(NumberFormatException e1)
    {
        msg=msg+e1;
    }
    catch(ArithmeticException e2)
    {
        msg=msg+e2;
    }
    repaint();
}
public void paint(Graphics g)
{
    result.setText(msg);
}
public static void main(String args[])
{
    Division a=new Division();
    a.setSize(new Dimension(500,200));
    a.setTitle("Int-division");
    a.setVisible(true);
}
}

```

