



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

public class lab extends Frame implements ActionListener{
    TextField Num1, Num2;
    Button divide = new Button("DIVIDE");
    float result = 0;
    String msg = "";

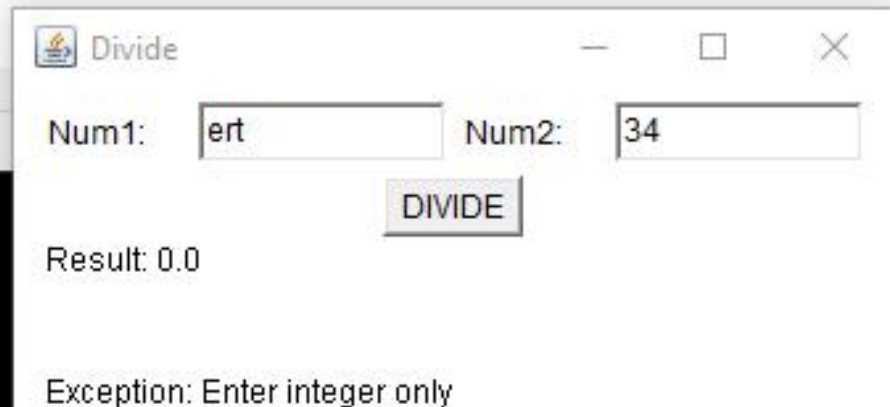
    public lab(){
        setLayout (new FlowLayout ());
        Num1 = new TextField(10);
        Num2 = new TextField(10);
        Label result = new Label(" Num1: ", Label.RIGHT);
        Label msg = new Label("Num2: ", Label.RIGHT);
        add(new Label("Num1: "));
        add (Num1);
        add(new Label("Num2: "));
        add (Num2);
        add(divide);
        divide.addActionListener(this);
        addWindowListener(new WinAdapter());
    }
    public void actionPerformed(ActionEvent ae){
        if(ae.getSource() == divide) {
            try{
                int n1 = Integer.parseInt(Num1.getText());
                int n2 = Integer.parseInt(Num2.getText());
                result = n1/n2;
            }
            catch(NumberFormatException exception){
                result = 0;
                msg = "Enter integer only";
            }
            catch(ArithmeticException exception){
                result = 0;
                msg = "Can not be divided by 0";
            }
        }
    }
}
```

```

        msg = "Can not be divided by 0";
    }
    repaint();
}
}
public void paint (Graphics g){
    g.drawString("Result: " + String.valueOf(result), 20, 100);
    g.drawString("Exception: " + msg, 20, 150);
}
public static void main(String[] args) {
    lab p = new lab();
    p.setSize(new Dimension (350,300));
    p.setTitle("Divide");
    p.setVisible(true);
}
}

class WinAdapter extends WindowAdapter{
    public void windowClosing(WindowEvent we){
        System.exit(0);
    }
}

```



UTF-8



Divide



Num1:

3456

Num2:

0

DIVIDE

Result: 0.0

Exception: Can not be divided by 0