说明文档

功能

> 本计算器程序实现基本的算术表达式的运算并返回结果

目前已支持的运算

1. 加运算+

2. 减运算-

3. 乘运算*

4. 除运算/

```
Welcome to Calcuclator
Please enter an equation: 3/4
0.75
Please enter an equation: 5/6
0.8333333333334
Please enter an equation: (-1)/2
-0.5
Please enter an equation: (-10)/100
-0.1
Please enter an equation: 
```

5. 求模运算%

```
Welcome to Calcuclator
Please enter an equation: 5%2
1.0
Please enter an equation: 101%10
1.0
Please enter an equation: 
```

6. 乘方运算^

```
Welcome to Calcuclator
Please enter an equation: 5^2
25.0
Please enter an equation: 5^2*2
50.0
Please enter an equation: 5+6^2
41.0
Please enter an equation: 2^10
1024.0
Please enter an equation: 
```

负数运算()

> 只需在负数外层加一对括号

```
Please enter an equation: (-1)/2
-0.5
Please enter an equation: (-10)/100
-0.1
Please enter an equation: (-1)+3+(-2)*2-2
-4.0
Please enter an equation:
```

复杂运算

```
Please enter an equation: (-1)+3+(-2)*2-2
-4.0
Please enter an equation: ((2+3)*2-5)*5^2
125.0
Please enter an equation: 12-(211-233)
34.0
Please enter an equation: ^[
```

错误字符串识别

本程序具有强大的错误识别功能

```
Welcome to Calcuclator
Please enter an equation: (12+3))
Wrong Input
Please enter an equation: ((23+24)
Wrong Input
Please enter an equation: 12+
Wrong Input
Please enter an equation: 12+23-12/
Wrong Input
Please enter an equation: /34+12
Wrong Input
Please enter an equation: 123
Wrong Input
Please enter an equation: (123)
Wrong Input
Please enter an equation: )123
Wrong Input
Please enter an equation: +-/
Wrong Input
Please enter an equation: 
```

```
Welcome to Calcuclator
Please enter an equation: 12+-12
Wrong Input
Please enter an equation: (+12-2)
Wrong Input
Please enter an equation: 
```

本程序运用中缀转后缀表达式

BUG

由于使用中文符号引发的bug
（目前仍未解决）