基本功能测试方案

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目录

1   正常输入

输入 1：12312312413245235134512341352134132*4*34132413403241237845719328740

输出 1：42024893723874513415351017799156830003754227447040121977028517

图 1: 普通计算

输入 2：见图片

输出 2：见图片

图 2: 较长数据测试

2 鲁棒性测试

输入 3：

输出 3：Please enter the expression!

图 3: 不输入

输入 4：123 *

输出 4：Please enter the second multiplier!

图 4: 缺少第二个乘数

输入 5：* 123

输出 5：Please enter the first multiplier!

图 5: 缺少第一个乘数

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Please select a function:
1--Basic Function: calculate the expression.
2--Advanced Function: multiple two large numbers.
2
Advanced Func Mode.
Please enter the multiplication expression(e.g. 2 * 3):
* 123
Please enter the first multiplier!
Press any key to continue . . . _
```

输入 6：123 * 456 * 789

输出 6：You can ONLY multiply two numbers!

图 6: 多个数相乘

```
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Please select a function:
1--Basic Function: calculate the expression.
2--Advanced Function: multiple two large numbers.
2
Advanced Func Mode.
Please enter the multiplication expression(e.g. 2 * 3):
123 * 456 * 789
You can ONLY multiply two numbers!
Press any key to continue . . . _
```

输入 7：123 + 456

输出 7：Invalid signs!

图 7: 输入非乘法表达式

```
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------------------------------------------------------------

Please select a function:
1--Basic Function: calculate the expression.
2--Advanced Function: multiple two large numbers.
2
Advanced Func Mode.
Please enter the multiplication expression(e.g. 2 * 3):
123 + 456
Invalid signs!
Press any key to continue . . .
```