

14 - CALCULATOR

Your calculator will perform addition, subtraction, multiplication, float division, integer division, modulo and exponentiation. It should accept floating-point values, and it will check for division by zero when a division of any type is selected.

When the user enters the calculation, they must do it using Reverse Polish notation (RPN), where the operator follows the operand e.g. 3 4 + = 7.

Tasks

1. Ask the user for their calculation (Enter q for quit)
2. There must be three parts to the calculation, no more or less
operand, operand, operator
3. The third part of the calculation must be one of the following operators
+ - * / // % **
4. Output the answer
5. Ask for the next calculation

```
Enter your calculation: 3 4 +
7
Enter your calculation: 3 4 -
-1
Enter your calculation: 3 4 *
12
Enter your calculation: 4 3 /
1.3333333333333333
Enter your calculation: 4 3 //
1
Enter your calculation: 4 3 %
1
Enter your calculation: 4 3 **
64
Enter your calculation: q
>>> |
```