Q2. Arithmetic Expression

In this question, you will use the type definitions you learned in class to test the results of some simple arithmetic expressions!

- We will get a line of arithmetic equations without spaces from the input, and the operators are +, -, *, /, and =.
- For simplicity, the expression is evaluated from left to right, and no operator takes precedence over any other operator.
- If the equation holds, output "`Correct!`". If the answer is wrong, output "`BaBaBa, It's wrong.`" and print the correct operation result rounded to the second decimal on the next line.
- **Be aware that you cannot compare two floating point numbers directly. We will say two floating point numbers are equal if their difference is smaller than 0.01.**
- You also have to check whether the number is divided by zero. If so, please output "`You can't divide with zero!`" and terminate the program.

Hint: the first input will always be an operand so that you can use a `scanf()` to read it. Then, you can use `getchar()` to check which operator is inputted next, and the next input following the operator is always an operand.

Input Format

- An arithmetic equation consisting of numbers alternating with +, -, *, /, =
- There are at least three numbers, and the last operation will be =.

Output Format

- As stated in the question.

Technical Specifications

- $0 \leq numbers\ at\ the\ left\ side\ of\ the\ equation \leq 10$
- $2 \leq number\ of\ operators \leq 100$

The table below shows the example input and output.

Example Input	Example Output
`3+4.5/5=1.3`	`BaBaBa, It's wrong.` `1.50`
`3+4.5/5=1.50`	`Correct!`
`4.843+5/0-2=7.84`	`You can't divide with zero!`