Time limit: 3.000 seconds

Long Double Computation

The Problem

Given a simple arithmetic expression with long-double numbers, compute it and show the result.

The Input

The first line of the input consists of a single integer n giving the number of expresstions. Each expression is expressed as an infix notation. Each number can be any real number including sign bit. Operations are '+', '-', '*', and '/'. If the operation is '/', show the quotient only in integer form.
The number of digits (including decimal point and sign character) for each number is less than or equal to 500.

input file name: double.inp

The Output

For each expression, show the result.
Trailing zeros at the fractional part should be eliminated.
If fractional part is equal to 0, do not show them. I.e., result should be printed like an integer.

output file name: double.out

Sample Input

```
10
-0.111 / -0.11000
0.10 * -.11000
-90908080.707060605050404030302020201010 - 90908080.707060605050404030302020201010
-90908080.707060605050404030302020201010 + 90908080.707060605050404030302020201010
123.3453453434583495834 + 0.001
123.3453453434583495834 / 0.001
-1.001100330055 - -0.0000220044
1.2500 * 8
-1.25 / 0.1
-1.25 * 0.1
```

Sample Output

```
1
-0.011
-181816161.41412121010080806060404040202
0
123.3463453434583495834
123345
-1.001078325655
10
-12
-0.125
```