BlueBook - Interest

Time limit: 1.0s   **Memory limit:** 16M

BlueBook

Suppose that a certain amount of money N $(0 \le N \le 1\,000\,000)$ is deposited in a bank account that pays interest at the rate of $M\%$ $(1 \le M \le 10)$. The interest is paid annually so at the end of each year, $M\%$ of the amount currently in the account is added to the amount. Assume that the number of years will be from 0 to 50.

Input Specification

The input will be listed on a single line starting with a decimal number N followed by M followed by Y (the number of years).

Output Specification

The output will be the year followed by the amount of money.

Sample Input 1

```
1000 8 3
```

Sample Output 1

```
0 1000.00
1 1080.00
2 1166.40
3 1259.71
```

Sample Input 2

```
20 8 0
```

Sample Output 2

```
0 20.00
```

NOTE: The amount of money must be rounded to 2 decimal places.