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All Contests ❯ 23_PPS1_Lab1 ❯ Simple Interest

Simple Interest

Problem	Submissions	Leaderboard	Discussions

Given principal amount, annual rate of interest and duration (in years), find out simple interest.

Input Format

Input will have three lines

First line will have principal amount (will be integer)

Second line will have annual rate of interest (may be integer or real number)

Third line will have duration in terms of years (will be integer)

Constraints

0 <= principal <= 10000

0.0 <= annual rate of interest <= 20.0

0 <= duration <= 10

Output Format

Output will contain interest in floating point number (with six digits after decimal)

Sample Input 0

```
10000
10
3
```

Sample Output 0

```
3000.000000
```

Sample Input 1

```
100
3.4
2
```

Sample Output 1

```
6.800000
```

f 𝕏 in

Contest ends in 5 months

Submissions: 0
Max Score: 10
Difficulty: Medium

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```c
1  #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6  int main() {
7
8      /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9      return 0;
10 }
11
```

Line: 11 Col: 1

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