

Day 2: Operators



Objective

In this challenge, you'll work with arithmetic operators. Check out the [Tutorial](#) tab for learning materials and an instructional video!

Task

Given the *meal price* (base cost of a meal), *tip percent* (the percentage of the *meal price* being added as tip), and *tax percent* (the percentage of the *meal price* being added as tax) for a meal, find and print the meal's *total cost*.

Note: Be sure to use precise values for your calculations, or you may end up with an incorrectly rounded result!

Input Format

There are **3** lines of numeric input:

The first line has a double, *mealCost* (the cost of the meal before tax and tip).

The second line has an integer, *tipPercent* (the percentage of *mealCost* being added as tip).

The third line has an integer, *taxPercent* (the percentage of *mealCost* being added as tax).

Output Format

Print the total meal cost, where *totalCost* is the rounded integer result of the entire bill (*mealCost* with added tax and tip).

Sample Input

```
12.00
20
8
```

Sample Output

```
15
```

Explanation

Given:

mealCost = 12, *tipPercent* = 20, *taxPercent* = 8

Calculations:

$$\text{tip} = 12 \times \frac{20}{100} = 2.4$$

$$\text{tax} = 12 \times \frac{8}{100} = 0.96$$

$$\text{totalCost} = \text{mealCost} + \text{tip} + \text{tax} = 12 + 2.4 + 0.96 = 15.36$$

$$\text{round}(\text{totalCost}) = 15$$

We round *totalCost* to the nearest dollar (integer) and then print our result, **15**.