

Day 2: Operators

Objective

In this challenge, you will 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. Round the result to the nearest integer.

Example

$meal_cost = 100$

$tip_percent = 15$

$tax_percent = 8$

A tip of $15\% * 100 = 15$, and the taxes are $8\% * 100 = 8$. Print the value **123** and return from the function.

Function Description

Complete the solve function in the editor below.

solve has the following parameters:

- `int meal_cost`: the cost of food before tip and tax
- `int tip_percent`: the tip percentage
- `int tax_percent`: the tax percentage

Returns The function returns nothing. Print the calculated value, rounded to the nearest integer.

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, $meal_cost$ (the cost of the meal before tax and tip).

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

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

Sample Input

```
12.00
20
8
```

Sample Output

```
15
```

Explanation

Given:

$$meal_cost = 12, tip_percent = 20, tax_percent = 8$$

Calculations:

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

$$tax = 8 \text{ and } \frac{8}{100} \times 20 = 0.96$$

$$total_cost = meal_cost + tip + tax = 12 + 2.4 + 0.96 = 15.36$$

$$round(total_cost) = 15$$

We round *total_cost* to the nearest integer and print the result, **15**.