



Day 2: Operators ☆

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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**.

Change Theme

Python 3



```
1 #!/bin/python3
2
3 import math
4 import os
5 import random
6 import re
7 import sys
```



```

8
9 # Complete the solve function below.
10 ∨ def solve(meal_cost, tip_percent, tax_percent):
11     cal_tip = meal_cost * tip_percent / 100
12     cal_tax = meal_cost * tax_percent / 100
13     totalCost = meal_cost + cal_tip + cal_tax
14     print(str(round(totalCost)))
15
16 ∨ if __name__ == '__main__':
17     meal_cost = float(input())
18
19     tip_percent = int(input())
20
21     tax_percent = int(input())
22
23     solve(meal_cost, tip_percent, tax_percent)
24

```

Line: 1 Col: 1

☒ Upload Code as File
 ☐ Test against custom input

Run Code

Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✓ Sample Test case 0

✓ Sample Test case 1

Input (stdin)

Download

1	12.00
2	20
3	8

Your Output (stdout)

1	15
---	----

Expected Output

Download

1	15
---	----

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