

Day 1: Arithmetic Operators



Objective

In this challenge, we practice using arithmetic operators. Check out the attached tutorial for resources.

Task

Complete the following functions in the editor below:

1. `getArea(length, width)`: Calculate and return the *area* of a rectangle having sides *length* and *width*.
2. `getPerimeter(length, width)`: Calculate and return the *perimeter* of a rectangle having sides *length* and *width*.

The values returned by these functions are printed to stdout by locked stub code in the editor.

Input Format

getArea		
Data Type	Parameter	Description
Number	length	A number denoting the length of a rectangle.
Number	height	A number denoting the height of a rectangle.

getPerimeter(length, height)		
Data Type	Parameter	Description
Number	length	A number denoting the length of a rectangle.
Number	height	A number denoting the height of a rectangle.

Constraints

- $1 \leq \text{length}, \text{width} \leq 1000$
- *length* and *width* are scaled to *at most* three decimal places.

Output Format

Function	Return Type	Description
getArea	Number	The area of a rectangle having sides <i>length</i> and <i>width</i> .
getPerimeter	Number	The perimeter of a rectangle having sides <i>length</i> and <i>width</i> .

Sample Input 0

```
3
4.5
```

Sample Output 0

```
13.5
15
```

Explanation 0

The area of the rectangle is $\textit{length} \times \textit{width} = 3 \times 4.5 = 13.5$.

The perimeter of the rectangle is $2 \cdot (\textit{length} + \textit{width}) = 2 \cdot (3 + 4.5) = 15$.