Day 1: Arithmetic Operators ★

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10 Days of JS **

Problem Submissions Leaderboard Editorial Topics

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

- $1 \leq length, width \leq 1000$
- $length$ 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 *length* and *width*.
`getPerimeter`	`Number`	The perimeter of a rectangle having sides *length* and *width*.

Sample Input 0

```
3
4.5
```

Sample Output 0

```
13.5
15
```

Explanation 0

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

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

Change Theme Language: JavaScript (Node.js)

```
*   Return a number denoting the rectangle's area.
**/
function getArea(length, width) {
    let area;
    // Write your code here
    area = length * width
    return area;
}

/**
*   Calculate the perimeter of a rectangle.
*
*   length: The length of the rectangle.
*   width: The width of the rectangle.
*
*   Return a number denoting the perimeter of a rectangle.
**/
function getPerimeter(length, width) {
    let perimeter;
    // Write your code here
    perimeter = 2*(length+width)
    return perimeter;
}

```

Line: 51 Col: 32

Upload Code as File Test against custom input Run Code Submit Code

Congratulations!

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

Sample Test case 0

Input (stdin) Download

```
3
4.5
```

Your Output (stdout)

```
13.5
15
```

Expected Output Download

```
13.5
15
```