Day 1: Arithmetic Operators ★

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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.

<pre>getPerimeter(length, height)</pre>			
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

- $1 \leq length, width \leq 1000$

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

```
Explanation 0

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

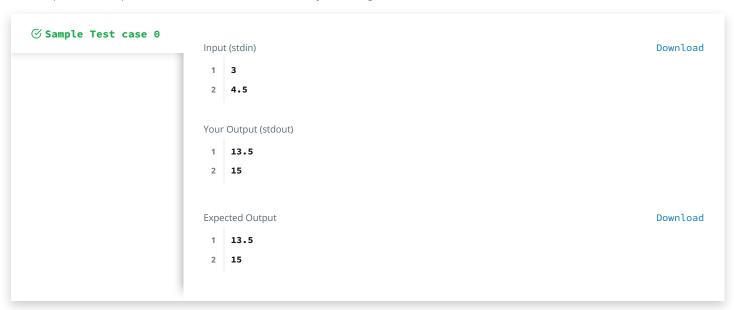
The perimeter of the rectangle is 2 \cdot (length + width) = 2 \cdot (3 + 4.5) = 15.
```

```
Change Theme Language: JavaScript (Node.js) to the control of the 
31
                                        Return a number denoting the rectangle's area.
32
                      **/
33
                      function getArea(length, width) {
34
                                        let area;
35
                                        // Write your code here
36
                                        area = length * width
37
                                        return area;
38
                     }
39
40
41
                     *
                                        Calculate the perimeter of a rectangle.
42
43
                                        length: The length of the rectangle.
                                        width: The width of the rectangle.
44
45
46
                                        Return a number denoting the perimeter of a rectangle.
47
48
                      function getPerimeter(length, width) {
49
                                        let perimeter;
50
                                        // Write your code here
                                        perimeter = 2*(length+width)
51
52
                                        return perimeter;
53
                      }
 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Line: 51 Col: 32
```

Congratulations!

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

☐ Test against custom input



Run Code

Submit Code

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