Day 1: Arithmetic Operators

HackerRank

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 $2 \cdot (length + width) = 2 \cdot (3 + 4.5) = 15$.

```
31  *   Return a number denoting the rectangle's area.
32  **/
33  function getArea(length, width) {
34      let area = length*width    ;
35      //if()
36
37
38      return area;
39  }
40
41
42  function getPerimeter(length, width) {
43      let perimeter = 2*( length+width );
44
45
46      return perimeter;
47  }
```

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

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10 Days of JS

You have earned 10.00 points!

You are now 2 challenges away from the 2nd star for your 10 days of js badge.

33% 3/5