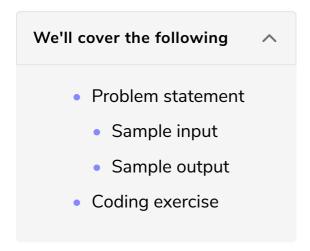
# Challenge 1: Calculate the Average Marks of a Class

Let's test our knowledge by solving a challenge in this lesson.



## Problem statement #

In this challenge, your task is to write a function average. Your function signature should be:

```
double average ( double marks[] , int size )
```

The input array marks[] will contain the marks of all the students in the class.

Your task is to calculate the average marks of the class and return it in the output.

The basic formula for calculating the average of the values is given below:

 $Average = Sum\ of\ all\ values\ /\ Total\ Number\ of\ values$ 

### Sample input #

```
average ({10.5, 67.8, 98.6, 31.2}, 4 );
```

## Sample output #

52.025

# Coding exercise #

Before diving directly into the solution, first, try to solve it yourself, and then check if your code passes all the test cases. If you get stuck, you can always see the given solution.

Please don't modify the given function average; otherwise, your code will not pass the test cases.

#### Good Luck! 👍



If you have solved the problem, congratulations!

In case you are stuck, let's go over the solution review in the next lesson.