

# Challenge: Array of Squares

Test yourself and implement what you have learned so far in this challenge.

## We'll cover the following ^

- Problem Statement
  - Input
  - Output
  - Sample Input
  - Sample Output
  - Test Yourself

## Problem Statement #

You are given an Array of integers. The Array needs to be modified in such a way that it should contain the squares of the original values at the same index as the original values.

For instance, if the element at index **0** is **5**, after modification it should be **25**.

## Input #

The input will be the array `testArray` which stores the array to be modified.

`testArray` has already been declared for you.

## Output #

The output will be the modified `testArray`.

## Sample Input #

```
(1,2,3)
```

## Sample Output #

(1,4,9)

## Test Yourself #

Write your code in the given area. Try the exercise by yourself first, but if you get stuck, the solution has been provided. Good luck!

This code requires the following environment variables to execute:

LANG C.UTF-8

```
// Write your code here
```



Hint 1 of 2



Use a **for** expression



Let's go over the solution review in the next lesson.