

# Challenge 4: Increment Dictionary Values

In this challenge, you are required to increment values in a dictionary.

## WE'LL COVER THE FOLLOWING ^

- Problem Statement
  - Input
  - Output
- Coding Exercise

## Problem Statement #

Implement an `updateAges` function that receives `ages` dictionary and a number `n` and returns a new dictionary where each student is (n) years older.

## Input #

A dictionary

## Output #

Returns a copy of sorted `ages` where each student is `n` years older.

Student dictionary

keys	values
"Peter"	10
"Isabel"	11
"Anna"	9
"Thomas"	10
"Bob"	10
"Joseph"	11
"Maria"	12
"Gabriel"	10

$n = 1$   
→  
increment age of  
all students by 1

Student dictionary

keys	values
"Peter"	11
"Isabel"	12
"Anna"	10
"Thomas"	11
"Bob"	12
"Joseph"	13
"Maria"	14
"Gabriel"	11

## Coding Exercise #

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Use [Python documentation on dictionary](#) to solve the exercise.

```
def updateAges(ages, n):  
    # Write your code here  
    pass
```



Now, let's move on to the detailed solution review of the above problem.