



# Challenge 8: Right Rotate List

Given a list, can you rotate its elements by one index from right to left? Implement your solution in Python and see if your code runs successfully!

We'll cover the following



- Problem Statement
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  - Sample Input
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## Problem Statement#

Implement a function `right_rotate(lst, k)` which will rotate the given list by `k`. This means that the right-most elements will appear at the left-most position in the list and so on. You only have to rotate the list by one element at a time.

## Input#

A list and a positive number by which to rotate that list

## Output:#



The given list rotated by **k** elements



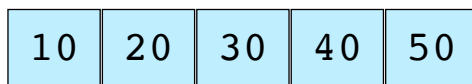
## Sample Input#

```
lst = [10,20,30,40,50]  
k = 3
```

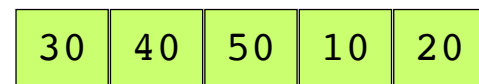
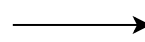
What if the given input **k** is greater than the length of the **lst**?

## Sample Output#

```
lst = [30,40,50,10,20]
```



Input

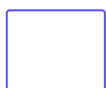


Output

## Coding Exercise #

Take a close look and design a step-by-step algorithm first before jumping on to the implementation. This problem is designed for your practice, so try to solve it on your own first. If you get stuck, you can always refer to the solution provided in the solution section. Good Luck!

```
def right_rotate(lst, k):  
    # Write your code here  
    pass
```



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