

283. Move Zeroes

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Given an array `nums`, write a function to move all `0`'s to the end of it while maintaining the relative order of the non-zero elements.

For example, given `nums = [0, 1, 0, 3, 12]`, after calling your function, `nums` should be `[1, 3, 12, 0, 0]`.

Note:

1. You must do this **in-place** without making a copy of the array.
2. Minimize the total number of operations.

Credits:

Special thanks to @jianchao.li.fighter (<https://leetcode.com/discuss/user/jianchao.li.fighter>) for adding this problem and creating all test cases.

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Python



```
1 class Solution(object):
2     def moveZeroes(self, nums):
3         """
4         :type nums: List[int]
5         :rtype: void Do not return anything, modify nums in-place instead.
6         """
7         count=len(nums)
8         i=0
9         while count!=0:
10             if nums[i]==0:
11                 del nums[i]
12                 nums.append(0)
13             else:
14                 i=i+1
15                 count=count-1
16
17
18
```

Custom Testcase ☐

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