189. Rotate Array

👍 815   👎 492   ♡ ▾

Description (/problems/rotate-array/description/) | 💡 **Hints** (/problems/rotate-array/hints/) | 📝 **Submissions** (/problems/rotate-array/submissions/)

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Given an array, rotate the array to the right by *k* steps, where *k* is non-negative.

Example 1:

```
Input: [1,2,3,4,5,6,7] and k = 3
Output: [5,6,7,1,2,3,4]
Explanation:
rotate 1 steps to the right: [7,1,2,3,4,5,6]
rotate 2 steps to the right: [6,7,1,2,3,4,5]
rotate 3 steps to the right: [5,6,7,1,2,3,4]
```

Example 2:

```
Input: [−1,−100,3,99] and k = 2
Output: [3,99,−1,−100]
Explanation:
rotate 1 steps to the right: [99,−1,−100,3]
rotate 2 steps to the right: [3,99,−1,−100]
```

Note:

- Try to come up as many solutions as you can, there are at least 3 different ways to solve this problem.
- Could you do it in-place with O(1) extra space?

Seen this question in a real interview before?   Yes   No   ✖

Difficulty:	Easy
Total Accepted:	222.3K
Total Submissions:	820.1K
Contributor:	Freezen (/freezen/)

Notes

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