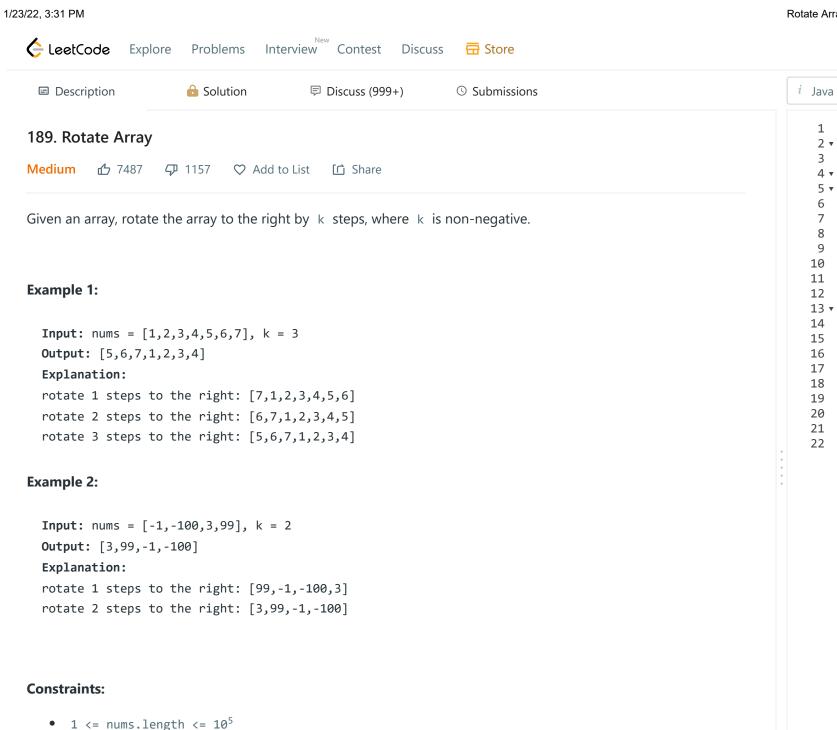
Rotate Array - LeetCode



```
//Constant space solution using rotation
 2 ▼
      class Solution {
 3
 4 ▼
          private void reverseArray(int[] array, int startIndex, int endIndex){
 5 ▼
              while(startIndex <= endIndex){</pre>
                  int temp = array[startIndex];
 6
 8
                  array[startIndex++] = array[endIndex];
 9
                  array[endIndex--] = temp;
10
11
12
          public void rotate(int[] nums, int k) {
13 ▼
14
15
              k = k % nums.length;
16
17
              reverseArray(nums, 0, nums.length - 1);
18
19
              reverseArray(nums, 0, k-1);
20
              reverseArray(nums, k, nums.length - 1);
21
22
```

Autocomplete

☆ Premium

i {} 5 ⊕ □

- Try to come up with as many solutions as you can. There are at least **three** different ways to solve this problem.
- Could you do it in-place with 0(1) extra space?

≡ Problems

➢ Pick One

< Prev

☆/355

Next >

Console - Contribute i

Your previous code was restored from your local storage. Reset to default

https://leetcode.com/problems/rotate-array/

• $-2^{31} <= nums[i] <= 2^{31} - 1$

• $0 <= k <= 10^5$

Submit

▶ Run Code ^

