

Remove Duplicates from Sorted

+

←

↺

🏠

🔒

https://leetcode.com/problems/remove-duplicates-from-sorted-array/

A

🌟

⚙️

|

🔖

🔒

👤

...

LeetCode

Explore

Problems

Interview

NewContest

Discuss

Store

☆ Premium

🔔

🔥 0

👤

📖 Description

🔒 Solution

💬 Discuss (999+)

🕒 Submissions

Example 1:

Input: nums = [1,1,2]

Output: 2, nums = [1,2,_]

Explanation: Your function should return k = 2, with the first two elements of nums being 1 and 2 respectively.
It does not matter what you leave beyond the returned k (hence they are underscores).

Example 2:

Input: nums = [0,0,1,1,1,2,2,3,3,4]

Output: 5, nums = [0,1,2,3,4,_,_,_,_,_]

Explanation: Your function should return k = 5, with the first five elements of nums being 0, 1, 2, 3, and 4 respectively.
It does not matter what you leave beyond the returned k (hence they are underscores).

Constraints:

- 1 ≤ nums.length ≤ 3 * 10⁴
- 100 ≤ nums[i] ≤ 100
- nums is sorted in **non-decreasing** order.

Accepted 2,323,272 | Submissions 4,675,354

Seen this question in a real interview before?

Yes

No

Companies 🏢

⌵

Problems

Pick One

< Prev

26/2366

Next >

i Java

Autocomplete

i

{ }

↺

⚙️

🔗

1 class Solution {

2 public int removeDuplicates(int[] nums) {

3

4 int ori=0,dup=1,k=0;

5

6 if(nums.length==0)

7 return k;

8 k=1;

9 while(dup<nums.length){

10 if(nums[ori]==nums[dup])

11 dup++;

12 else{

13 nums[++ori]=nums[dup++];

14 }

15 }

16

17 return ori+k;

18 }

19 }

Console

Contribute i

▶ Run Code ^

Submit