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26. Remove Duplicates from Sorted Array

Solved

Easy | Topics | Companies | Hint

Given an integer array `nums` sorted in **non-decreasing order**, remove the duplicates **in-place** such that each unique element appears only **once**. The **relative order** of the elements should be kept the **same**. Then return *the number of unique elements in* `nums`.

Consider the number of unique elements of `nums` to be `k`, to get accepted, you need to do the following things:

- Change the array `nums` such that the first `k` elements of `nums` contain the unique elements in the order they were present in `nums` initially. The remaining elements of `nums` are not important as well as the size of `nums`.
- Return `k`.

Custom Judge:

The judge will test your solution with the following code:

```
int[] nums = [...]; // Input array
int[] expectedNums = [...]; // The expected
answer with correct length

int k = removeDuplicates(nums); // Calls your
```

15.9K | 763 | 698 Online

Code

C++ | Auto

```
1  class Solution {
2  public:
3      int removeDuplicates(vector<int>& nums) {
4          int n=nums.size();
5          set<int>st;
6          for(int i=0;i<n;i++){
7          st.insert(nums[i]);
8          }
9          int index=0;
10         for(auto it:st){
```

Saved

Continue to work on your code from 1/15/2025, 11:46:38 AM Restore

Testcase | Test Result

Case 1 | Case 2 | +

nums =

```
[1,1,2]
```

Source