

Description

Solution

Submissions

Discuss (335)

C++

Autocomplete

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1365. How Many Numbers Are Smaller Than the Current Number

Easy

👍 304

🗨️ 11

❤️ Add to List

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Given the array `nums`, for each `nums[i]` find out how many numbers in the array are smaller than it. That is, for each `nums[i]` you have to count the number of valid `j`'s such that `j != i` and `nums[j] < nums[i]`.

Return the answer in an array.

Example 1:

Input: `nums = [8,1,2,2,3]`

Output: `[4,0,1,1,3]`

Explanation:

For `nums[0]=8` there exist four smaller numbers than it (1, 2, 2 and 3).

For `nums[1]=1` does not exist any smaller number than it.

For `nums[2]=2` there exist one smaller number than it (1).

For `nums[3]=2` there exist one smaller number than it (1).

For `nums[4]=3` there exist three smaller numbers than it (1, 2 and 2).

Example 2:

Input: `nums = [6,5,4,8]`

Output: `[2,1,0,3]`

```

1 class Solution {
2 public:
3     int findindex(vector<int> &a, int n){
4         for(int i=0;i<a.size();i++){
5             if(a[i]==n)
6                 return i;
7         }
8         return a.size();
9     }
10    vector<int>
11    smallerNumbersThanCurrent(vector<int>& nums) {
12        vector<int> a(nums);
13        vector<int> ans;
14        sort(a.begin(),a.end());
15        for(int i=0;i<nums.size();i++){
16            int k=findindex(a,nums[i]);
17            ans.push_back(k);
18        }
19        return ans;
20    }
21 }
```

Testcase

Run Code Result

Debugger 🔒

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Accepted

Runtime: 0 ms

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Your input

[8,1,2,2,3]

Output

[4,0,1,1,3]

Diff

Expected

[4,0,1,1,3]

☰ Problems

✂️ Pick One

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Next >

Conso...

How to create a
testcase ▾

▶ Run Code

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