

Description

Solution

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Submissions

Python3

Autocomplete

1365. How Many Numbers Are Smaller Than the Current Number

Easy 2017 46 Add to List Share

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]`

Example 3:

Input: `nums = [7,7,7,7]`

```
1 class Solution:
2     def smallerNumbersThanCurrent(self, nums: List[int]) -> List[int]:
3
4         res = []
5
6         for i in range(0, len(nums)) :
7             count = 0
8
9             for j in range(0, len(nums)) :
10                if i!=j and nums[j] < nums[i] :
11                    count += 1
12
13            res.append(count)
14
15        return res
```

Testcase

Run Code Result

Debugger

▼

Accepted Runtime: 35 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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Console

Use Example Testcases

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Run Code

Submit