

Description

Solution

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Submissions

Python3

Autocomplete

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594. Longest Harmonious Subsequence

Easy

1263

134

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We define a harmonious array as an array where the difference between its maximum value and its minimum value is **exactly** 1.

Given an integer array `nums`, return *the length of its longest harmonious subsequence among all its possible subsequences*.

A **subsequence** of array is a sequence that can be derived from the array by deleting some or no elements without changing the order of the remaining elements.

Example 1:

Input: `nums = [1,3,2,2,5,2,3,7]`**Output:** 5**Explanation:** The longest harmonious subsequence is `[3,2,2,2,3]`.

Example 2:

Input: `nums = [1,2,3,4]`**Output:** 2

Example 3:

Input: `nums = [1,1,1,1]`**Output:** 0

Constraints:

- `1 <= nums.length <= 2 * 104`
- `-109 <= nums[i] <= 109`

```
1 class Solution:
2     def findLHS(self, nums: List[int]) -> int:
3
4         di = collections.Counter(nums)
5         res = [0]
6         val = 0
7
8         for k in di :
9             if (k+1) in di :
10                 val = di[k] + di[k+1]
11                 res.append(val)
12
13         return max(res)
14
```

Testcase

Run Code Result

Debugger



Accepted

Runtime: 41 ms



Your input

[1,1]

Output

0



Diff

Expected

0

Problems

Pick One

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Next >

Console

Use Example Testcases



Run Code

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