

## 594. Longest Harmonious Subsequence



Easy



1.9K



188



Companies

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:

- $1 \leq \text{nums.length} \leq 2 * 10^4$
- $-10^9 \leq \text{nums}[i] \leq 10^9$

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Yes No

Discussion (11)

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