2592. Maximize Greatness of an Array

Solved ●

Medium Topics Companies Hint

You are given a 0-indexed integer array `nums`. You are allowed to permute `nums` into a new array `perm` of your choosing.

We define the **greatness** of `nums` be the number of indices `0 <= i < nums.length` for which `perm[i] > nums[i]`.

Return *the **maximum** possible greatness you can achieve after permuting* `nums`.

Example 1:

> **Input:** nums = [1,3,5,2,1,3,1]
> **Output:** 4
> **Explanation:** One of the optimal rearrangements is perm = [2,5,1,3,3,1,1].
> At indices = 0, 1, 3, and 4, perm[i] > nums[i]. Hence, we return 4.

Example 2:

> **Input:** nums = [1,2,3,4]
> **Output:** 3
> **Explanation:** We can prove the optimal perm is [2,3,4,1].
> At indices = 0, 1, and 2, perm[i] > nums[i]. Hence, we return 3.

Constraints:

- `1 <= nums.length <= 10^5`
- `0 <= nums[i] <= 10^9`

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Yes No

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Hint 1

Hint 2

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