5531. Special Array With X Elements Greater Than or Equal X

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You are given an array nums of non-negative integers. nums is considered **special** if there exists a number x such that there are **exactly** x numbers in nums that are **greater than or equal to** x.

Notice that x does not have to be an element in nums.

Return \times if the array is **special**, otherwise, return -1. It can be proven that if nums is special, the value for \times is **unique**.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:

Input: nums = [3,5]

Output: 2

Explanation: There are 2 values (3 and 5) that are greater than or equal to 2.

Example 2:

Input: nums = [0,0]

Output: -1

Explanation: No numbers fit the criteria for x.

If x = 0, there should be 0 numbers >= x, but there are 2.

If x = 1, there should be 1 number >= x, but there are 0.

If x = 2, there should be 2 numbers $\Rightarrow x$, but there are 0.

x cannot be greater since there are only 2 numbers in nums.

Example 3:

Input: nums = [0,4,3,0,4]

Output: 3

Explanation: There are 3 values that are greater than or equal to 3.

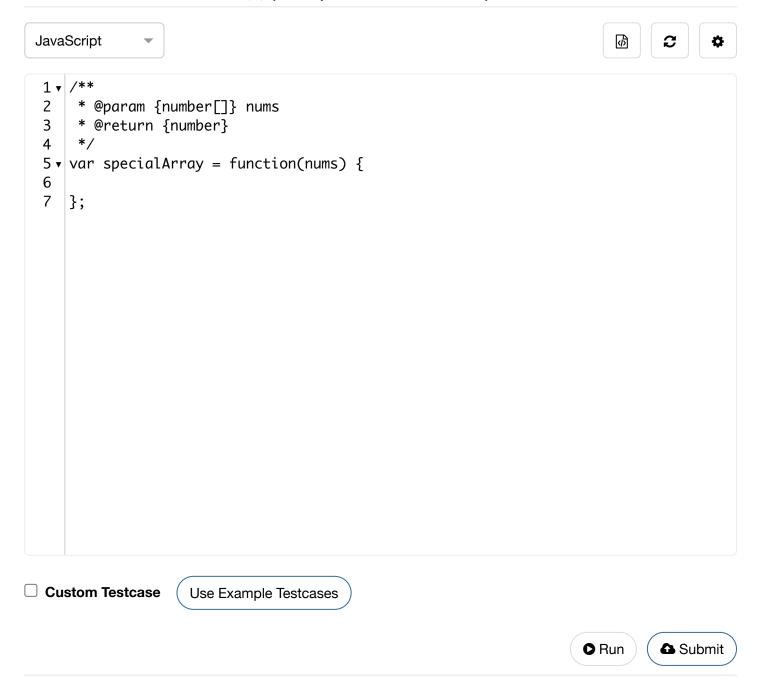
Example 4:

Input: nums = [3,6,7,7,0]

Output: −1

Constraints:

- 1 <= nums.length <= 100
- 0 <= nums[i] <= 1000



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