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

sions (/contest/weekly-contest-209/problems/special-array-with-x-elements-greater-than-or-equal-x/submissions/)

ntest (/contest/weekly-contest-209/)

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 `x` *if the array is **special**, otherwise, return* −1. It can be proven that if `nums` is special, the value for `x` 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 >= 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`

JavaScript ▼

```javascript
1  /**
2   * @param {number[]} nums
3   * @return {number}
4   */
5  const specialArray = (nums) => {
6      let n = nums.length;
7      for (let i = 1; i <= n; i++) {
8          let cnt = 0;
9          for (const item of nums) {
10             if (item >= i) {
11                 cnt++;
12             }
13         }
14         if (cnt == i) return cnt;
15     }
16     return -1;
17 };
```

☐ **Custom Testcase**   Use Example Testcases

▶ Run   ☁ Submit

Submission Result: Accepted (/submissions/detail/404177025/) ❓

More Details ❯ (/submissions/detail/404177025/)

Share your acceptance!