2784. Check if Array is Good

My Submissions (/contest/biweekly-contest-109/problems/check-if-array-is-good/submissions/) Back to Contest (/contest/biweekly-contest-109/)

User Accepted:	15810
User Tried:	16838
Total Accepted:	16469
Total Submissions:	34972
Difficulty:	Easy

You are given an integer array `nums`. We consider an array **good** if it is a permutation of an array `base[n]`.

`base[n] = [1, 2, ..., n - 1, n, n]` (in other words, it is an array of length `n + 1` which contains `1` to `n - 1` exactly once, plus two occurrences of `n`). For example, `base[1] = [1, 1]` and `base[3] = [1, 2, 3, 3]`.

Return `true` *if the given array is good, otherwise return* `false`.

Note: A permutation of integers represents an arrangement of these numbers.

Example 1:

```
Input: nums = [2, 1, 3]
Output: false
Explanation: Since the maximum element of the array is 3, the only candidate n for which this array could be a permutation of
```

Example 2:

```
Input: nums = [1, 3, 3, 2]
Output: true
Explanation: Since the maximum element of the array is 3, the only candidate n for which this array could be a permutation of
```

Example 3:

```
Input: nums = [1, 1]
Output: true
Explanation: Since the maximum element of the array is 1, the only candidate n for which this array could be a permutation of
```

Example 4:

```
Input: nums = [3, 4, 4, 1, 2, 1]
Output: false
Explanation: Since the maximum element of the array is 4, the only candidate n for which this array could be a permutation of
```

Constraints:

- `1 <= nums.length <= 100`
- `1 <= num[i] <= 200`

Discuss (https://leetcode.com/problems/check-if-array-is-good/discuss)

JavaScript

```javascript
const isGood = (a) => {
    a.sort((x, y) => x - y);
    let n = a.length, v = 1;
    if (a[n - 1] != a[n - 2]) return false;
    for (let i = 0; i < n - 1; i++) {
        if (a[i] != v++) return false;
    }
    return true;
};
```

Custom Testcase Use Example Testcases

Run Submit

Submission Result: Accepted (/submissions/detail/1001269027/) More Details (/submissions/detail/1001269027/)

Share your acceptance!