

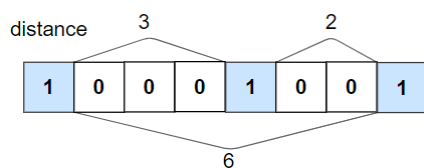
5401. Check If All 1's Are at Least Length K Places Away

missions (/contest/weekly-contest-187/problems/check-if-all-1s-are-at-least-length-k-places-away/submissions/)

Contest (/contest/weekly-contest-187/)

Given an array `nums` of 0s and 1s and an integer `k`, return `True` if all 1's are at least `k` places away from each other, otherwise return `False`.

Example 1:



User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

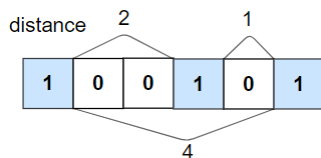
Difficulty: Medium

Input: `nums = [1,0,0,0,1,0,0,1]`, `k = 2`

Output: `true`

Explanation: Each of the 1s are at least 2 places away from each other.

Example 2:



Input: `nums = [1,0,0,1,0,1]`, `k = 2`

Output: `false`

Explanation: The second 1 and third 1 are only one apart from each other.

Example 3:

Input: `nums = [1,1,1,1,1]`, `k = 0`

Output: `true`

Example 4:

Input: `nums = [0,1,0,1]`, `k = 1`

Output: `true`

Constraints:

- `1 <= nums.length <= 10^5`

- $0 \leq k \leq \text{nums.length}$
- $\text{nums}[i]$ is 0 or 1

JavaScript



```
1 /**
2  * @param {number[]} nums
3  * @param {number} k
4  * @return {boolean}
5  */
6 var kLengthApart = function(nums, k) {
7
8 };
```

☐ Custom Testcase☒ Use Example Testcases

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