





6031. Find All K-Distant Indices in an Array

My Submissions (/contest/weekly-contest-284/problems/find-all-k-distant-indices-in-an-array/submissions/)

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You are given a **0-indexed** integer array nums and two integers key and k. A **k-distant index** is an index i of nums for which there exists at least one index j such that |i - j| <= k and nums[j] == key.

Return a list of all k-distant indices sorted in increasing order.

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

Example 1:

Example 2:

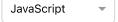
Input: nums = [2,2,2,2,2], key = 2, k = 2

Output: [0,1,2,3,4]

Explanation: For all indices i in nums, there exists some index j such that $|i - j| \le k$ and nums[j] == Hence, we return [0,1,2,3,4].

Constraints:

- 1 <= nums.length <= 1000
- 1 <= nums[i] <= 1000
- key is an integer from the array nums.
- 1 <= k <= nums.length









 $1 \cdot |$ const findKDistantIndices = (a, key, k) => {

```
2
        let n = a.length, res = [], d = [];
 3 ▼
        for (let i = 0; i < n; i++) {
 4
           if (a[i] == key) d.push(i);
 5
 6 ▼
        for (let i = 0; i < n; i++) {
            for (const j of d) {
7 ▼
                 if (Math.abs(i - j) \le k) {
8 ▼
9
                     res.push(i);
10
                     break;
11
                 }
12
            }
13
        }
14
        return res;
15
    };
```

☐ Custom Testcase

Use Example Testcases

Run



Submission Result: Accepted (/submissions/detail/658790203/) ?

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