⌐—(/) Explore(/explore/)   Problems(/problemset/all/)   Interview   Contest   Discuss(/discuss/)   ⚡ LeetCode is hiring! Apply NOW. 🌟   ☆ Premium   ▶+   🔔   👤
                                                        New   (/contest/)   🖥 Store   (https://leetcode.com/jobs/)   (/subscribe?
                                                                Contest   ref=nb_npl)

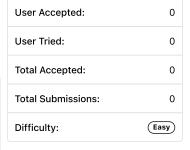# 5996. Count Equal and Divisible Pairs in an Array

My Submissions (/contest/biweekly-contest-72/problems/count-equal-and-divisible-pairs-in-an-array/submissions/)

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Given a **0-indexed** integer array `nums` of length `n` and an integer `k`, return *the **number of pairs** `(i, j)` where `0 <= i < j < n`, such that* `nums[i] == nums[j]` *and* `(i * j)` *is divisible by* `k`.

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

Example 1:

```
Input: nums = [3,1,2,2,2,1,3], k = 2
Output: 4
Explanation:
There are 4 pairs that meet all the requirements:
- nums[0] == nums[6], and 0 * 6 == 0, which is divisible by 2.
- nums[2] == nums[3], and 2 * 3 == 6, which is divisible by 2.
- nums[2] == nums[4], and 2 * 4 == 8, which is divisible by 2.
- nums[3] == nums[4], and 3 * 4 == 12, which is divisible by 2.
```

Example 2:

```
Input: nums = [1,2,3,4], k = 1
Output: 0
Explanation: Since no value in nums is repeated, there are no pairs (i,j) that meet all the requirements.
```

Constraints:

- `1 <= nums.length <= 100`
- `1 <= nums[i], k <= 100`

JavaScript ▼   ⟨/⟩ ↻ ⚙

```javascript
1
2  const countPairs = (a, k) => {
3      let n = a.length, res = 0;
4      for (let i = 0; i < n; i++) {
5          for (let j = i + 1; j < n; j++) {
6              if (a[i] == a[j] && (i * j) % k == 0) res++;
7          }
8      }
9      return res;
10 };
```

☐ **Custom Testcase**   (Use Example Testcases)

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Submission Result: Accepted (/submissions/detail/644540957/) ❓   More Details ❯ (/submissions/detail/644540957/)

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