

3706. Maximum Distance Between Unequal Words in Array II

Solved ●

Premium

Medium  Hint

You are given a string array `words`.

Find the **maximum distance** between two **distinct** indices `i` and `j` such that:

- `words[i] != words[j]`, and
- the distance is defined as `j - i + 1`.

Return the maximum distance among all such pairs. If no valid pair exists, return 0.

Example 1:

Input: `words = ["leetcode", "leetcode", "codeforces"]`

Output: 3

Explanation:

In this example, `words[0]` and `words[2]` are not equal, and they have the maximum distance `2 - 0 + 1 = 3`.

Example 2:

Input: `words = ["a", "b", "c", "a", "a"]`

Output: 4

Explanation:

In this example `words[1]` and `words[4]` have the largest distance of `4 - 1 + 1 = 4`.

Example 3:

Input: `words = ["z", "z", "z"]`

Output: 0

Explanation:

In this example all the words are equal, thus the answer is 0.

Constraints:

- `1 <= words.length <= 105`
- `1 <= words[i].length <= 10`
- `words[i]` consists of lowercase English letters.

Seen this question in a real interview before? 1/5

Yes No

Accepted 192/244 | Acceptance Rate 78.7%

Hint 1

Hint 2



Hint 3



Discussion (3)



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