Problem 2085: Count Common Words With One Occurrence

Problem Information

Difficulty: Easy
Acceptance Rate: 72.97%
Paid Only: No
Tags: Array, Hash Table, String, Counting

Problem Description

Given two string arrays `words1` and `words2`, return _the number of strings that appear**exactly once** in **each** of the two arrays._

Example 1:

Input: words1 = ["leetcode","is","amazing","as","is"], words2 = ["amazing","leetcode","is"] **Output:** 2 **Explanation:** - "leetcode" appears exactly once in each of the two arrays. We count this string. - "amazing" appears exactly once in each of the two arrays. We count this string. - "is" appears in each of the two arrays, but there are 2 occurrences of it in words1. We do not count this string. - "as" appears once in words1, but does not appear in words2. We do not count this string. Thus, there are 2 strings that appear exactly once in each of the two arrays.

Example 2:

Input: words1 = ["b","bb","bbb"], words2 = ["a","aa","aaa"] **Output:** 0 **Explanation:** There are no strings that appear in each of the two arrays.

Example 3:

Input: words1 = ["a","ab"], words2 = ["a","a","a","ab"] **Output:** 1 **Explanation:** The only string that appears exactly once in each of the two arrays is "ab".

Constraints:

* `1 <= words1.length, words2.length <= 1000` * `1 <= words1[i].length, words2[j].length <= 30` * `words1[i]` and `words2[j]` consists only of lowercase English letters.

Code Snippets

C++:

```
class Solution {
public:
int countWords(vector<string>& words1, vector<string>& words2) {

}
};
```

Java:

```
class Solution {
public int countWords(String[] words1, String[] words2) {

}
}
```

Python3:

```
class Solution:
def countWords(self, words1: List[str], words2: List[str]) -> int:
```