2531. Make Number of Distinct Characters Equal

Description

You are given two **0-indexed** strings word1 and word2.

A move consists of choosing two indices [i] and [j] such that [0 <= i < word1.length] and [0 <= j < word2.length] and swapping [word1[i]] with word2[j]].

Return true if it is possible to get the number of distinct characters in word1 and word2 to be equal with exactly one move. Return false otherwise.

Example 1:

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Input: word1 = "ac", word2 = "b"
Output: false
Explanation: Any pair of swaps would yield two distinct characters in the first string, and one in the second string.
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Example 2:

```
Input: word1 = "abcc", word2 = "aab"
Output: true
Explanation: We swap index 2 of the first string with index 0 of the second string. The resulting strings are word1 = "abac" and word2 = "cab",
which both have 3 distinct characters.
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Example 3:

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Input: word1 = "abcde", word2 = "fghij"
Output: true
Explanation: Both resulting strings will have 5 distinct characters, regardless of which indices we swap.
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Constraints:

- 1 <= word1.length, word2.length <= 10⁵
- word1 and word2 consist of only lowercase English letters.