

Problem 1790: Check if One String Swap Can Make Strings Equal

Problem Information

Difficulty: Easy

Acceptance Rate: 49.48%

Paid Only: No

Tags: Hash Table, String, Counting

Problem Description

You are given two strings `s1` and `s2` of equal length. A **string swap** is an operation where you choose two indices in a string (not necessarily different) and swap the characters at these indices.

Return `true` if it is possible to make both strings equal by performing **at most one string swap** on **exactly one** of the strings. **Otherwise**, return `false`.

Example 1:

Input: `s1 = "bank", s2 = "kanb"` **Output:** `true` **Explanation:** For example, swap the first character with the last character of `s2` to make `"bank"`.

Example 2:

Input: `s1 = "attack", s2 = "defend"` **Output:** `false` **Explanation:** It is impossible to make them equal with one string swap.

Example 3:

Input: `s1 = "kelb", s2 = "kelb"` **Output:** `true` **Explanation:** The two strings are already equal, so no string swap operation is required.

Constraints:

* `1 <= s1.length, s2.length <= 100` * `s1.length == s2.length` * `s1` and `s2` consist of only lowercase English letters.

Code Snippets

C++:

```
class Solution {  
public:  
    bool areAlmostEqual(string s1, string s2) {  
  
    }  
};
```

Java:

```
class Solution {  
    public boolean areAlmostEqual(String s1, String s2) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def areAlmostEqual(self, s1: str, s2: str) -> bool:
```