

Problem 859: Buddy Strings

Problem Information

Difficulty: Easy

Acceptance Rate: 33.83%

Paid Only: No

Tags: Hash Table, String

Problem Description

Given two strings `s` and `goal`, return `true` if you can swap two letters in `s` so the result is equal to `goal`, otherwise, return `false`.

Swapping letters is defined as taking two indices `i` and `j` (0-indexed) such that `i != j` and swapping the characters at `s[i]` and `s[j]`.

* For example, swapping at indices `0` and `2` in `"abcd"` results in `"cbad"`.

Example 1:

Input: s = "ab", goal = "ba" **Output:** true **Explanation:** You can swap s[0] = 'a' and s[1] = 'b' to get "ba", which is equal to goal.

Example 2:

Input: s = "ab", goal = "ab" **Output:** false **Explanation:** The only letters you can swap are s[0] = 'a' and s[1] = 'b', which results in "ba" != goal.

Example 3:

Input: s = "aa", goal = "aa" **Output:** true **Explanation:** You can swap s[0] = 'a' and s[1] = 'a' to get "aa", which is equal to goal.

Constraints:

* `1 <= s.length, goal.length <= 2 * 104` * `s` and `goal` consist of lowercase letters.

Code Snippets

C++:

```
class Solution {  
public:  
    bool buddyStrings(string s, string goal) {  
  
    }  
};
```

Java:

```
class Solution {  
public boolean buddyStrings(String s, String goal) {  
  
}  
}
```

Python3:

```
class Solution:  
    def buddyStrings(self, s: str, goal: str) -> bool:
```