

# 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 * 10^4`` \* `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:
```