

Problem 2937: Make Three Strings Equal

Problem Information

Difficulty: Easy

Acceptance Rate: 44.00%

Paid Only: No

Tags: String

Problem Description

You are given three strings: `s1`, `s2`, and `s3`. In one operation you can choose one of these strings and delete its **rightmost** character. Note that you **cannot** completely empty a string.

Return the minimum number of operations required to make the strings equal ... If it is impossible to make them equal, return `-1`.

Example 1:

Input: s1 = "abc", s2 = "abb", s3 = "ab"

Output: 2

Explanation: Deleting the rightmost character from both `s1` and `s2` will result in three equal strings.

Example 2:

Input: s1 = "dac", s2 = "bac", s3 = "cac"

Output: -1

Explanation: Since the first letters of `s1` and `s2` differ, they cannot be made equal.

Constraints:

`* `1 <= s1.length, s2.length, s3.length <= 100` * `s1`, `s2` and `s3` consist only of lowercase English letters.`

Code Snippets

C++:

```
class Solution {  
public:  
    int findMinimumOperations(string s1, string s2, string s3) {  
  
    }  
};
```

Java:

```
class Solution {  
public int findMinimumOperations(String s1, String s2, String s3) {  
  
}  
}
```

Python3:

```
class Solution:  
    def findMinimumOperations(self, s1: str, s2: str, s3: str) -> int:
```