Problem 2186: Minimum Number of Steps to Make Two Strings Anagram II

Problem Information

Difficulty: Medium
Acceptance Rate: 73.01%
Paid Only: No
Tags: Hash Table, String, Counting

Problem Description

You are given two strings `s` and `t`. In one step, you can append **any character** to either `s` or `t`.

Return _the minimum number of steps to make_`s` _and_`t` _**anagrams** of each other._

An **anagram** of a string is a string that contains the same characters with a different (or the same) ordering.

Example 1:

Input: s = "**_lee_** tco _**de**_ ", t = "co _**a**_ t _**s**_ " **Output:** 7 **Explanation:** - In 2 steps, we can append the letters in "as" onto s = "leetcode", forming s = "leetcode**_as_** ". - In 5 steps, we can append the letters in "leede" onto t = "coats", forming t = "coats _**leede**_ ". "leetcodeas" and "coatsleede" are now anagrams of each other. We used a total of 2 + 5 = 7 steps. It can be shown that there is no way to make them anagrams of each other with less than 7 steps.

Example 2:

Input: s = "night", t = "thing" **Output:** 0 **Explanation:** The given strings are already anagrams of each other. Thus, we do not need any further steps.

Constraints:

* `1 <= s.length, t.length <= 2 * 105` * `s` and `t` consist of lowercase English letters.

Code Snippets

C++:

```
class Solution {
public:
int minSteps(string s, string t) {

}
};
```

Java:

```
class Solution {
public int minSteps(String s, String t) {

}
}
```

Python3:

```
class Solution:
def minSteps(self, s: str, t: str) -> int:
```