

2186. Minimum Number of Steps to Make Two Strings Anagram II

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:

- $1 \leq s.length, t.length \leq 2 * 10^5$
- `s` and `t` consist of lowercase English letters.

