

5514. Check If String Is Transformable With Substring Sort Operations

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Given two strings s and t , you want to transform string s into string t using the following operation any number of times:

- Choose a **non-empty** substring in s and sort it in-place so the characters are in **ascending order**.

For example, applying the operation on the underlined substring in "14234" results in "12344".

Return `true` if it is possible to transform string s into string t . Otherwise, return `false`.

A **substring** is a contiguous sequence of characters within a string.

User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: **Hard**

Example 1:

Input: $s = "84532"$, $t = "34852"$

Output: `true`

Explanation: You can transform s into t using the following sort operations:

"84532" (from index 2 to 3) \rightarrow "84352"

"84352" (from index 0 to 2) \rightarrow "34852"

Example 2:

Input: $s = "34521"$, $t = "23415"$

Output: `true`

Explanation: You can transform s into t using the following sort operations:

"34521" \rightarrow "23451"

"23451" \rightarrow "23415"

Example 3:

Input: $s = "12345"$, $t = "12435"$

Output: `false`

Example 4:

Input: $s = "1"$, $t = "2"$

Output: `false`

Constraints:

- `s.length == t.length`
- `1 <= s.length <= 105`
- `s` and `t` only contain digits from `'0'` to `'9'`.

JavaScript



```
1 ▾ /**
2   * @param {string} s
3   * @param {string} t
4   * @return {boolean}
5   */
6 ▾ var isTransformable = function(s, t) {
7
8   };
```

☐ Custom Testcase

Use Example Testcases

Run

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