205. Isomorphic Strings

Solved

Easy Topics Companies

Given two strings `s` and `t`, *determine if they are isomorphic*.

Two strings `s` and `t` are isomorphic if the characters in `s` can be replaced to get `t`.

All occurrences of a character must be replaced with another character while preserving the order of characters. No two characters may map to the same character, but a character may map to itself.

Example 1:

Input: s = "egg", t = "add"

Output: true

Explanation:

The strings `s` and `t` can be made identical by:

- Mapping `'e'` to `'a'`.
- Mapping `'g'` to `'d'`.

Example 2:

Input: s = "foo", t = "bar"

Output: false

Explanation:

The strings `s` and `t` can not be made identical as `'o'` needs to be mapped to both `'a'` and `'r'`.

Example 3:

Input: s = "paper", t = "title"

Output: true

Constraints:

- $1 <= s.length <= 5 * 10^4$
- `t.length == s.length`
- `s` and `t` consist of any valid ascii character.