

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: $s = \text{"egg"}, t = \text{"add"}$

Output: true

Example 2:

Input: $s = \text{"foo"}, t = \text{"bar"}$

Output: false

Example 3:

Input: $s = \text{"paper"}, t = \text{"title"}$

Output: true

Constraints:

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