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

**Example 2:**

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

**Example 3:**

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

**Constraints:**

* 1 <= s.length <= 5 \* 104
* t.length == s.length
* s and t consist of any valid ascii character.