Given a pattern and a string s, find if s follows the same pattern.

Here **follow** means a full match, such that there is a bijection between a letter in pattern and a **non-empty** word in s.

**Example 1:**

Input: pattern = "abba", s = "dog cat cat dog"  
Output: true

**Example 2:**

Input: pattern = "abba", s = "dog cat cat fish"  
Output: false

**Example 3:**

Input: pattern = "aaaa", s = "dog cat cat dog"  
Output: false

**Constraints:**

* 1 <= pattern.length <= 300
* pattern contains only lower-case English letters.
* 1 <= s.length <= 3000
* s contains only lowercase English letters and spaces ' '.
* s **does not contain** any leading or trailing spaces.
* All the words in s are separated by a **single space**.