

290. Word Pattern

- 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. Specifically:
- Each letter in pattern maps to exactly one unique word in s.
- Each unique word in s maps to exactly one letter in pattern.
- No two letters map to the same word, and no two words map to the same letter.

Example 1:

- **Input:** pattern = "abba", s = "dog cat cat dog"
- **Output:** true
- **Explanation:**
 - *The bijection can be established as:*
 - 'a' maps to "dog".
 - 'b' maps to "cat".

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:

- $1 \leq \text{pattern.length} \leq 300$
- pattern contains only lower-case English letters.
- $1 \leq \text{s.length} \leq 3000$
- 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.