1258. Synonymous Sentences Premium

Medium ♥ Topics ② Companies ② Hint

today but was sorrow yesterday"]

You are given a list of equivalent string pairs synonyms where $synonyms[i] = [s_i, t_i]$ indicates that s_i and t_i are equivalent strings. You are also given a sentence text.

Return all possible synonymous sentences sorted lexicographically.

Example 1:

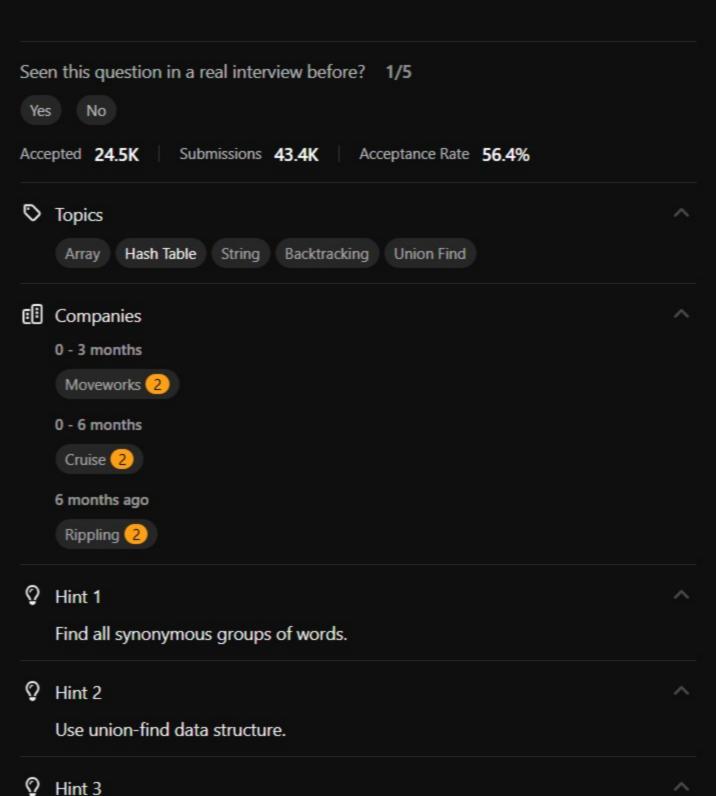
Input: synonyms = [["happy","joy"],["sad","sorrow"],
["joy","cheerful"]], text = "I am happy today but was sad
yesterday"
Output: ["I am cheerful today but was sad yesterday","I am
cheerful today but was sorrow yesterday","I am happy today but
was sad yesterday","I am happy today but was sorrow
yesterday","I am joy today but was sad yesterday","I am joy

Example 2:

Input: synonyms = [["happy","joy"],["cheerful","glad"]], text
= "I am happy today but was sad yesterday"
Output: ["I am happy today but was sad yesterday","I am joy
today but was sad yesterday"]

Constraints:

- 0 <= synonyms.length <= 10
- synonyms[i].length == 2
- 1 <= s_i .length, t_i .length <= 10
- s_i != t_i
- text consists of at most 10 words.
- All the pairs of synonyms are unique.
- The words of text are separated by single spaces.



Discussion (12)

By backtracking, generate all possible statements.