616. Add Bold Tag in String Premium

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You are given a string s and an array of strings words.

You should add a closed pair of bold tag and to wrap the substrings in s that exist in words.

- If two such substrings overlap, you should wrap them together with only one pair of closed bold-tag.
- If two substrings wrapped by bold tags are consecutive, you should combine them.

Return s *after adding the bold tags*.

Example 1:

Input: s = "abcxyz123", words = ["abc","123"]

Output: "abcxyz123"

Explanation: The two strings of words are substrings of s as following: "abcxyz123".

We add before each substring and after each substring.

Example 2:

Input: s = "aaabbb", words = ["aa","b"]

Output: "aaabbb"

Explanation:

"aa" appears as a substring two times: "aaabbb" and "aaabbb".

"b" appears as a substring three times: "aaa \underline{b} bb", "aaab \underline{b} b", and "aaabb \underline{b} ".

We add before each substring and after each substring: "aa b b b>b .

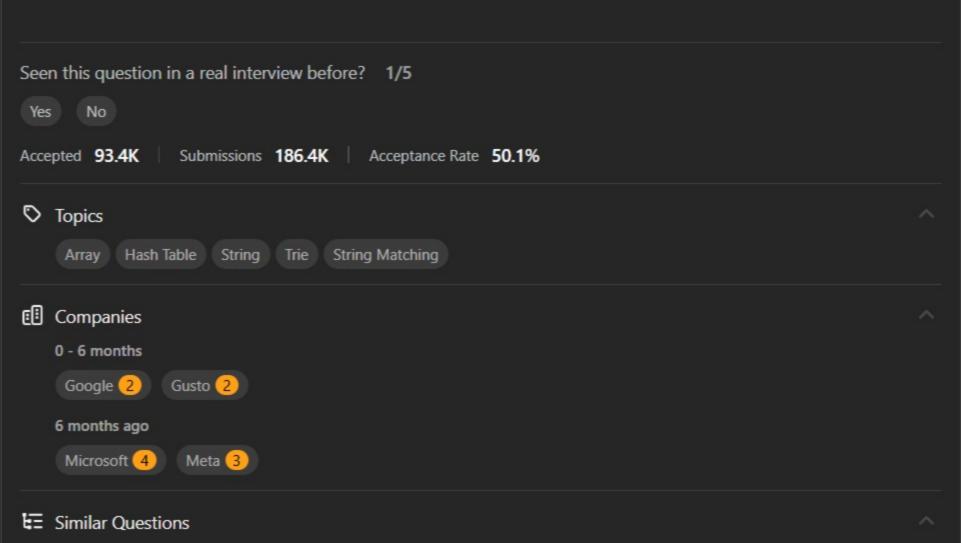
Since the first two 's overlap, we merge them: "aaabb<

Since now the four 's are consecutive, we merge them: "aaabbb".

Constraints:

- 1 <= s.length <= 1000
- 0 <= words.length <= 100
- 1 <= words[i].length <= 1000
- s and words [i] consist of English letters and digits.
- All the values of words are unique.

Note: This question is the same as 758. Bold Words in String.



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Hard

Merge Intervals

Tag Validator

Discussion (9)