616. Add Bold Tag in String Premium

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"

output: aaaabbb

Explanation:

"aa" appears as a substring two times: "<u>aa</u>abbb" and "a<u>aa</u>bbb".
"b" appears as a substring three times: "aaa<u>b</u>bb", "aaab<u>b</u>b",
and "aaabbb".

We add before each substring and after each substring: "aab>ab>bb>b". Since the first two 's overlap, we merge them: "aaa

b<bb>b".

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

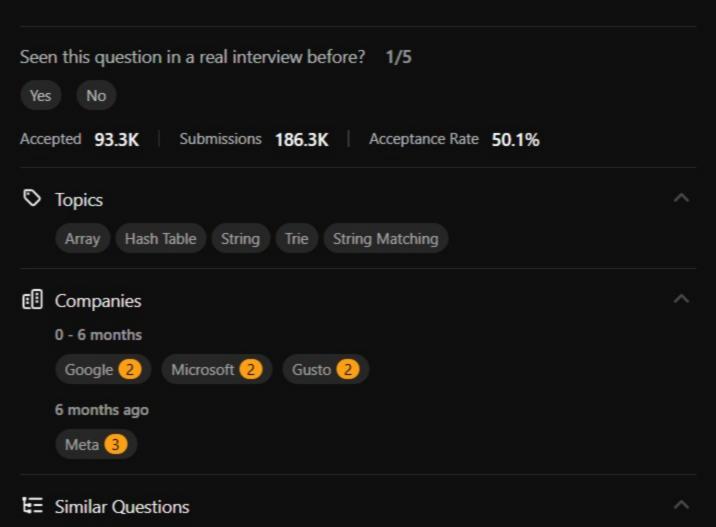
Constraints:

• 1 <= s.length <= 1000

aaabbb".

- 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.



Merge Intervals

Medium

Tag Validator

Hard

Discussion (8)