

616. Add Bold Tag in String

Description

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: "<b>abc</b>xyz<b>123</b>"
Explanation: The two strings of words are substrings of s as following: " abc xyz 123 ".
We add <b> before each substring and </b> after each substring.
```

Example 2:

```
Input: s = "aaabbb", words = ["aa","b"]
Output: "<b>aaabbb</b>"
Explanation:
"aa" appears as a substring two times: " aa abbb" and "a aa bbb".
"b" appears as a substring three times: "aaa b bb", "aaab b b", and "aaabb b ".
We add <b> before each substring and </b> after each substring: "<b>a<b>a</b>a</b><b>b</b><b>b</b><b>b</b>".
Since the first two <b>'s overlap, we merge them: "<b>aaa</b><b>b</b><b>b</b><b>b</b>".
Since now the four <b>'s are consecutive, we merge them: "<b>aaabbb</b>".
```

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: <https://leetcode.com/problems/bold-words-in-string/>

