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

You should add a closed pair of bold tag <b> and </b> 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: "abcxyz123".  
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: "aaabbb" and "aaabbb".  
"b" appears as a substring three times: "aaabbb", "aaabbb", and "aaabbb".  
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/>