









# 5957. Adding Spaces to a String

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You are given a 0-indexed string s and a 0-indexed integer array spaces that describes the indices in the original string where spaces will be added. Each space should be inserted before the character at the given index.

• For example, given s = "EnjoyYourCoffee" and spaces = [5, 9], we place spaces before 'Y' and 'C', which are at indices 5 and 9 respectively. Thus, we obtain "Enjoy Your Coffee".

Return the modified string after the spaces have been added.

## 0 User Accepted: **User Tried:** 0 **Total Accepted:** 0 **Total Submissions:** 0 Medium Difficulty:

### Example 1:

Input: s = "LeetcodeHelpsMeLearn", spaces = [8,13,15] Output: "Leetcode Helps Me Learn"

**Explanation:** 

The indices 8, 13, and 15 correspond to the underlined characters in "Leetcode<u>HelpsMeLearn".</u> We then place spaces before those characters.

### Example 2:

```
Input: s = "icodeinpython", spaces = [1,5,7,9]
Output: "i code in py thon"
Explanation:
The indices 1, 5, 7, and 9 correspond to the underlined characters in "icodeinpython".
We then place spaces before those characters.
```

## Example 3:

```
Input: s = "spacing", spaces = [0,1,2,3,4,5,6]
Output: "spacing"
Explanation:
We are also able to place spaces before the first character of the string.
```

### **Constraints:**

- 1 <= s.length <=  $3 * 10^5$
- s consists only of lowercase and uppercase English letters.
- 1 <= spaces.length <=  $3 \times 10^5$
- 0 <= spaces[i] <= s.length 1
- · All the values of spaces are strictly increasing.

```
JavaScript
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                                                                                                                          \mathfrak{C}
1 ▼ /**
     * @param {string} s
2
     * @param {number[]} spaces
3
     * @return {string}
4
5
     */
6 var addSpaces = function(s, spaces) {
8
   };
```