

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.

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 `"LeetcodeHelpsMeLearn"`. We then place spaces before those characters.

User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: Medium

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: `" s p a c i n g"`

Explanation:

We are also able to place spaces before the first character of the string.

Constraints:

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

JavaScript

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```
1 const addSpaces = (s, spaces) => {
2   let res = '';
3   let l = 0;
4   for (const r of spaces) {
5     let t = s.slice(l, r);
6     l = r;
7     // pr(t);
8     res += t;
9     res += ' ';
10  }
11  let last = s.slice(l);
12  // pr(last);
13  res += last;
14  return res;
15 };
```

☐ Custom Testcase

Use Example Testcases

Run

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Submission Result: **Accepted** (/submissions/detail/603795965/) ?

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