

5519. Rearrange Spaces Between Words

[My Submissions \(/contest/weekly-contest-207/problems/rearrange-spaces-between-words/submissions/\)](/contest/weekly-contest-207/problems/rearrange-spaces-between-words/submissions/)

[Back to Contest \(/contest/weekly-contest-207/\)](/contest/weekly-contest-207/)

You are given a string `text` of words that are placed among some number of spaces. Each word consists of one or more lowercase English letters and are separated by at least one space. It's guaranteed that `text` **contains at least one word**.

Rearrange the spaces so that there is an **equal** number of spaces between every pair of adjacent words and that number is **maximized**. If you cannot redistribute all the spaces equally, place the **extra spaces at the end**, meaning the returned string should be the same length as `text`.

Return *the string after rearranging the spaces*.

User Accepted:	0
User Tried:	1
Total Accepted:	0
Total Submissions:	1
Difficulty:	Easy

Example 1:

Input: `text = " this is a sentence "`

Output: `"this is a sentence"`

Explanation: There are a total of 9 spaces and 4 words. We can evenly divide the 9 spaces

Example 2:

Input: `text = " practice makes perfect"`

Output: `"practice makes perfect "`

Explanation: There are a total of 7 spaces and 3 words. $7 / (3-1) = 3$ spaces plus 1 extra

Example 3:

Input: `text = "hello world"`

Output: `"hello world"`

Example 4:

Input: `text = " walks udp package into bar a"`

Output: `"walks udp package into bar a "`

Example 5:

Input: `text = "a"`

Output: `"a"`

Constraints:

- $1 \leq \text{text.length} \leq 100$
- text consists of lowercase English letters and ' ' .
- text contains at least one word.

JavaScript ▼



```
1 ▾ /**
2   * @param {string} text
3   * @return {string}
4   */
5 ▾ var reorderSpaces = function(text) {
6
7   };
```

☐ Custom Testcase

Use Example Testcases

Run

Submit

Copyright © 2020 LeetCode

[Help Center \(/support/\)](/support/) | [Students \(/students/\)](/students/) | [Terms \(/terms/\)](/terms/) | [Privacy Policy \(/privacy/\)](/privacy/) [United States \(/region/\)](/region/)