Problem 186: Reverse Words in a String II

Problem Information

Difficulty: Medium
Acceptance Rate: 56.39%
Paid Only: Yes
Tags: Two Pointers, String

Problem Description

Given a character array `s`, reverse the order of the **words**.

A **word** is defined as a sequence of non-space characters. The **words** in `s` will be separated by a single space.

Your code must solve the problem **in-place,** i.e. without allocating extra space.

Example 1:

Input: s = ["t","h","e"," ","s","k","y"," ","i","s"," ","b","l","u","e"] **Output:** ["b","l","u","e"," ","i","s"," ","s","k","y"," ","t","h","e"]

Example 2:

Input: s = ["a"] **Output:** ["a"]

Constraints:

* `1 <= s.length <= 105` * `s[i]` is an English letter (uppercase or lowercase), digit, or space `' '`. * There is **at least one** word in `s`. * `s` does not contain leading or trailing spaces. * All the words in `s` are guaranteed to be separated by a single space.

Code Snippets

C++:

```
class Solution {
public:
void reverseWords(vector<char>& s) {

}
};
```

Java:

```
class Solution {
public void reverseWords(char[] s) {

}
}
```

Python3:

```
class Solution:
def reverseWords(self, s: List[str]) -> None:
"""
Do not return anything, modify s in-place instead.
"""
```