**Reverse String**

**Instruction:**

Given an input string **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 at least one space.

Return a string of the words in reverse order concatenated by a single space.

Note that **s** may contain leading or trailing spaces or multiple spaces between two words. The returned string should only have a single space separating the words. Do not include any extra spaces.

**Example 1:**

Input: s = "the sky is blue"

Output: "blue is sky the"

**Example 2:**

Input: s = " hello world "

Output: "world hello"

Explanation: Your reversed string should not contain leading or trailing spaces.

**Constraints:**

* **1 <= s.length <= 104**
* **s** contains English letters (upper-case and lower-case), digits, and spaces **' '**.
* There is at least one word in **s.**

**CASES TO TEST:**

**CASE 1:**

Input: **s** = "the sky is blue"

Expected Output = "blue is sky the"

**CASE 2:**

Input: **s** = " hello world "

Expected Output = "world hello"

**CASE 3:**

Input: **s** = "a good example"

Expected Output = "example good a"