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.

**Example 3:**

Input: s = "a good example"

Output: "example good a"

Explanation: You need to reduce multiple spaces between two words to a single space in the reversed string.

**Example 4:**

Input: s = " Bob Loves Alice "

Output: "Alice Loves Bob"

**Example 5:**

Input: s = "Alice does not even like bob"

Output: "bob like even not does Alice"