

Question #2:

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.