Given an input string, reverse the string word by word.

**Example:**

**Input:** ["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"]

**Note:**

* A word is defined as a sequence of non-space characters.
* The input string does not contain leading or trailing spaces.
* The words are always separated by a single space.

**Follow up:**Could you do it *in-place* without allocating extra space?