

Logical Program Using string

- write a function that reverses the order of words in the string. A word is defined as a sequence of non-space characters. The input string may contain leading or trailing spaces; however, the reversed string should not have any leading or trailing spaces. Also, multiple spaces between words in the input string should be reduced to a single space in the output.
- Write a function to check if a given string is a palindrome. A palindrome is a word, phrase, or sequence that reads the same backward as forward, ignoring case, punctuation, and spaces.
- Given a string, find the first non-repeating character in it and return its index. If it doesn't exist, return -1.