

## 557. Reverse Words in a String III

Given a string *s*, reverse the order of characters in each word within a sentence while still preserving whitespace and initial word order.

### Example 1:

- **Input:** *s* = "Let's take LeetCode contest"
- **Output:** "s'teL ekat edoCteeL tsetnoc"

### Example 2:

- **Input:** *s* = "Mr Ding"
- **Output:** "rM gniD"

### Constraints:

- $1 \leq s.length \leq 5 * 10^4$
- *s* contains printable ASCII characters.
- *s* does not contain any leading or trailing spaces.
- There is at least one word in *s*.
- All the words in *s* are separated by a single space.