

## Length of Last Word

For this problem we need to return the length of the last word (ignoring trailing spaces); the approach is: scan from end.

### Steps:

1. Start from the end of the string.
2. Skip trailing spaces.
3. Count characters until another space is encountered or start of string is reached.

### Complexity:

- Time:  $O(n)$  (single pass from end)
- Space:  $O(1)$