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## You're working on a secret team solving coded transmissions.

Your team is scrambling to decipher a recent message, worried it's a plot to break into a major European National Cake Vault. The message has been *mostly* deciphered, but all the words are backward! Your colleagues have handed off the last step to you.

Write a function reverse\_words() that takes a message as a list of characters and reverses the order of the words in place.

Why a list of characters instead of a string?

The goal of this question is to practice manipulating strings *in place*. Since we're modifying the message, we need a **mutable** type like a list, instead of Python 2.7's *immutable* strings.

## For example:

When writing your function, assume the message contains only letters and spaces, and all words are separated by one space.

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