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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 3.6's *immutable* strings.

For example:

```
message = [ 'c', 'a', 'k', 'e', ' ',
            'p', 'o', 'u', 'n', 'd', ' ',
            's', 't', 'e', 'a', 'l' ]

reverse_words(message)

# Prints: 'steal pound cake'
print(''.join(message))
```

Python 3.6 ▼

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

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