

## \* Reverse Words In a String

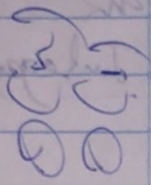
the sky is blue  
↓  
blue is sky the

~~remove leader~~

~~start from the first non space character, till the last character non spacing.~~

find first non spacing char &  
last non spacing char.

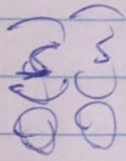
Start from end & keep iterating till we find a space. Then skip all the spaces. Append a space to each word as well.



If we are in the first word don't add any spaces.

Here we use a string buffer

- As an alternate, we can use char array & reverse all the chars. Then keep a pointer & find each word & reverse each word.



for the tracking pointer's each places != 0, add a space.

" Hello world A "

" A drow olleH "

" A A drow olleH "

↑ ↑ Atlas



No: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

"A - draw - o l l e H - -" <sup>↑ ↑</sup>

"A - world - o l l e H - -"

"A - world - Hello - -"

create string only from this  
range.