

# String - 5

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20:50

"Reverse the string"

word = "the sky blue"

Reverse = "blue sky the"

Reversed word: "eulb yk s eht"

RW: 

e	u	l	b		y	k	s		e	h	t
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Loop

i = 0 → forming first word

word = ""

After loop: i = 0 to 3

word = "eulb"

i = 4

Reverse:

"blue"

ans = "blue"

i = 4 → s[4] = ' '

Loop doesn't enter while, word = ""  
→ Not added

i = 5 → forming next word

word = "y k s"

i = 8

Reverse = "s k y"

Append

ans = "blue sky"

i = 9

skip

i = 9, s[9] = 'e'

After loop

word = "eht"

i = 12

Reverse

"the"

Append

ans = "blue sky the"

i = n ⇒ Loop end ⇒ return ans.substr(1)

Logic

→ Reverse the full string

→ extract each reversed word

↓  
reverse only the letters

→ Append in final string