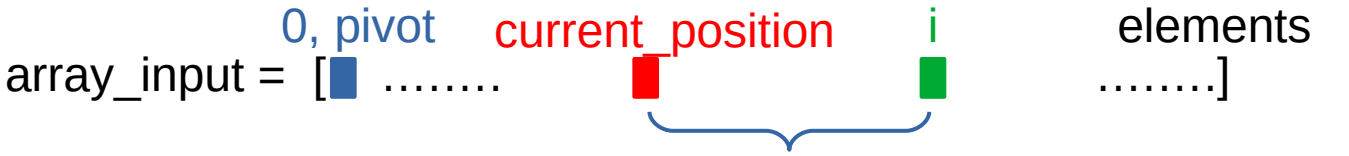
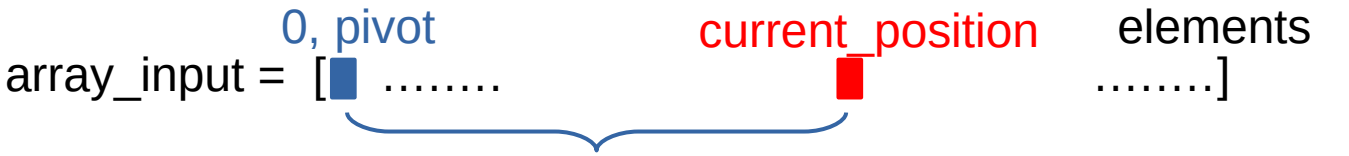
for i in range(0, elements):



if array_input[i] <= array_input[0]
SWAP(array_input[i], array_input[current_position])

At the and of the for loop move the pivot



SWAP(array_input[0], array_input[current_position])