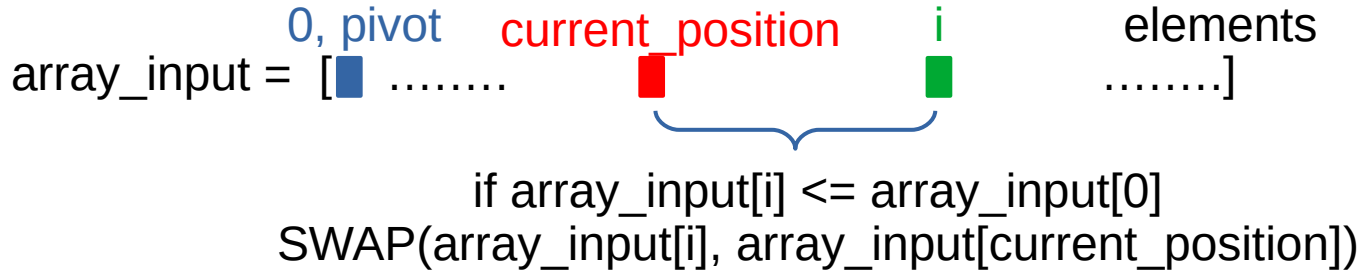


for i in range(0, elements):

array\_input = [ 0, pivot current\_position i elements  
..... ]

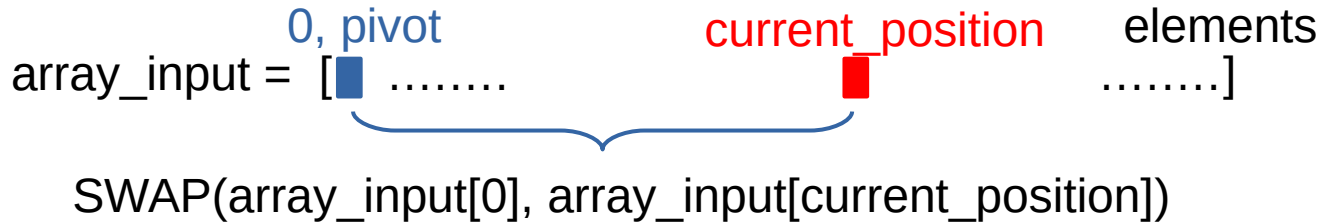
if array\_input[i] <= array\_input[0]  
SWAP(array\_input[i], array\_input[current\_position])

The diagram shows an array named 'array\_input' with several elements. The first element is a blue square, labeled '0, pivot' in blue text above it. To its right are several dots '.....'. Further right is a red square, labeled 'current\_position' in red text above it. To its right is a green square, labeled 'i' in green text above it. To the far right are more dots '.....' and the word 'elements' in black text. A blue bracket is drawn below the red and green squares, connecting them.

At the end of the for loop move the pivot

array\_input = [ 0, pivot current\_position elements  
..... ]

SWAP(array\_input[0], array\_input[current\_position])

The diagram shows the same array 'array\_input' as before. The first element is a blue square, labeled '0, pivot' in blue text above it. To its right are several dots '.....'. Further right is a red square, labeled 'current\_position' in red text above it. To the far right are more dots '.....' and the word 'elements' in black text. A blue bracket is drawn below the blue and red squares, connecting them.