def bubble\_sort(nums):

*# We set swapped to True so the loop looks runs at least once*

swapped = True

while swapped:

swapped = False

for i in range(len(nums) - 1):

if nums[i] > nums[i + 1]:

*# Swap the elements*

nums[i], nums[i + 1] = nums[i + 1], nums[i]

*# Set the flag to True so we'll loop again*

swapped = True