def insertionSort(array):

for step in range(1, len(array)):

key = array[step]

j = step -1

while j>=0 and key < array[j]:

array[j+1] = array [j]

j = j - 1

array[j + 1] = key

data = [45,60,5,19,28,37,40,33,57,12,19,8,66,12,4,3,21,29,35,11,14,15,18,2,6,21,27,18,32,39]

insertionSort(data)

print('Array em ordem crescente: ')

print(data)