def partition(arry,low,high):

pivot = arry[high]

i = low - 1

for j in range(low, high):

if array[j] <= pivot:

i = i + 1

(array[i],arry[j]) = (array[j],arry[i])

(array[i + 1],array[high]) = (array[high],arry[i + 1])

return i + 1

def quicksort(array,low,high):

if low < high:

pi = partition(array,low,high)

quicksort(array,low,pi - 1)

quicksort(array,pi+1,high)

if \_\_name\_\_=='\_\_main\_\_':

array = [10,7,6]

N = len(array)

quicksort(array,0, N-1)

print('sorted array:')

for x in array:

print(x, end="")