A = []

n = int(input("Enter the number of students:-"))

for i in range(n):

A.append(float(input("enter the percentage of students")))

print("Before sorting")

print(A)

def partition(start,end):

pivot = A[end]

pindex = start

for i in range(start,end):

if A[i] < pivot:

A[i] , A[pindex] = A[pindex] , A[i]

pindex = pindex + 1

A[pindex] , A[end] = A[end] , A[pindex]

return pindex

def quicksort(start,end):

if start < end :

pindex = partition(start,end)

quicksort(start, pindex - 1)

quicksort(pindex + 1, end)

quicksort(0,n-1)

print("After sorting")

print(A)