def bubblesort(arr):

    n= len(arr)

    #Traverse through all array elements

    for i in range(n-1):

        for j in range(0, n-i-1):

            #traverse the array from 0 to n-i-1

            #swap if the elemnt found is greater then the next element

            if arr[j] > arr[j+1] :

                            arr[j], arr[j+1] = arr[j+1], arr[j]

arr=[]

Num=int(input("Enter the number of student"))

for i in range (Num):

    per=float(input("Enter the percentage marks"))

    arr.append(per)

bubblesort(arr)

print("Sorted array is:")

for i in range(len(arr)):

    print("%f"%arr[i]),

a,b=10,20

print(a,b)

a,b=b,a

print(a,b)

def selectionsort(arr1):

    for i in range(len(arr1)):

        min\_idx = i

        for j in range(i+1, len(arr1)):

            if arr1[min\_idx] > arr1[j]:

                min\_idx = j

    #swap the found minimum element with the first element

        arr1[i], arr1[min\_idx] = arr1[min\_idx], arr1[i]

arr1=[]

Num=int(input("Enter the number of students"))

for i in range(Num):

    per=float(input("Enter the percentage marks"))

    arr1.append(per)

selectionsort(arr1)

#driver code to test above

print("Sorted array is:")

for i in range(len(arr1)):

    print("%f" %arr1[i]),