**Counting Sort Part 1**

#!/bin/python3

import math

import os

import random

import re

import sys

# Complete the countingSort function below.

def countingSort(arr):

count=[]

m=max(arr)

l=len(arr)

for i in range(100):

count.append(0)

for i in arr:

count[i]+=1

return count

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

fptr = open(os.environ['OUTPUT\_PATH'], 'w')

n = int(input())

arr = list(map(int, input().rstrip().split()))

result = countingSort(arr)

fptr.write(' '.join(map(str, result)))

fptr.write('\n')

fptr.close()

