

In [ ]: Q3.SKILL TESTING Amar's team is assigned with a project that deals with the digital signals. He is aware that the digital signals will be represented as arrays. He wants to test his team with respect to their strengt

Input format: The first line contains a single integer denotes the size of the array, N. The second line contains N-space separated integer that corresponds to the values of the array.

Output format: The output consists of N-space separated integer values of the result array.

Sample Input 1: 5 -1 2 1 3 -2 Sample Output 1: 3 4 6 5 3

Explanation: For inputArray = [-1, 2, 1, 3, -2], the output should be [3, 2, 1, 0, 0]. The contiguous subarray of K = 1, each subarray will have 1 element. The sub-array with maximum sum is [3]. So result[0] = 3. of K

Sample Input 2: 5 2 3 2 -2 3 Sample Output 2: 3 5 7 6 8

In [1]: n=int(input("Enter number of elements : "))  
List1 = list(map(int,input("\nEnter the numbers : ").split()[:n]))  
List2 = [List1[i:i+j] for i in range(0,len(List1)) for j in range(1,len(List1)-i+1)]  
List3 = []  
j=1  
for i in range(0,n):  
 count=0  
 for i in range(0,len(List2)):  
 if len(List2[i])==j:  
 if sum(List2[i])>count:  
 count=sum(List2[i])  
  
 j+=1  
 List3.append(count)  
for i in List3:  
 print(i,end=" ")  
  
Enter number of elements : 5  
  
Enter the numbers : -1  
0 0 0 0 0

In [ ]: