Read input into n(n->number of test cases)

Loop through test cases:

Declare an array for storing criminals areas

Declare an array for storing prefix sum

Input value of N(N->Number of areas)

Read number of criminals in each area(if unknown input -1)

Loop through areas:

Print number of criminals (if not -1)

Else apply logic (sum of criminals until now)/Areas visited

Python :

def prefixCalculator(a):

prefix=[]

for j in range(n):

if j==0:

prefix.insert(0,a[0])

else:

prefix.insert(j,prefix[j-1]+a[j])

return prefix

for i in range(int(input())):

n=int(input())

a=[]

a.extend([int(x) for x in input().split(' ')])

prefix=prefixCalculator(a)

for area in range(len(a)):

if not a[area]==-1:

print(a[area],end=' ')

else:

a[area]=int((prefix[area-1]/(area)))

prefix=prefixCalculator(a)

print(a[area],end=' ')

print()