

You are given an array of integers, which has both positive and negative numbers. You are required to find the maximum sum of the subarray (positive integers only), if two arrays qualify, choose the array with more number of elements. Solve it in single navigation.

I/P {9,1,2, -3, -4, 10, 5, -1, 9, 2, 3} O/P {10,5} 15

Input Format

First line denotes array size and the next line denotes the values

Constraints

NIL

Output Format

print the subarray and the sum {%d,%d..} %d

Sample Input 0

11 9 1 2 -3 -4 10 5 -1 9 2 3

Sample Output 0

{10,5} 15