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A company needs a program that can find the sub-array of an array for which the sum of its all elements is the greatest.

**Function Description**

The program should be able to find the sub-array of an array for which the sum of its all elements is the greatest, and also show the size of the sub-array.

**Input Format**

The input will provide all elements of the array in the form of space separated integers.

**Output Format**

The first line of input should provide the value of the sum of all elements of the sub-array.

The second line of input should provide the size of the sub-array.

**Constraints**

1<=**Array.size**<=10^3

**Sample Input**

-1 2 1

Click and drag to move

**Sample Output**

3

2

Click and drag to move

**Explanation**

The sub-array would be [2,1], the sum of all the elements is 3 and the size of the sub-array is 2.

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