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Subarray

Find the maximum subarray sum $O(n^2)$ time using naive method.

Input

Take array elements as input.

Output

Output maximum subarray and their sum as a result.

Sample input

Sample output

10	7 8 -9 10
1	16
-2	
3	
-4	
5	
-6	
7	
8	
-9	
10	