Kadane's Algorithm

Given an array Arr[] of N integers. Find the contiguous sub-array(containing at least one number) which has the maximum sum and return its sum.

Example 1:
Input :

N=5

Arr[]={1,2,3,-2,5} which is a contiguous sub-array

Output :

9 (Explanation: Max subarray sum is 9)

Your Task : You don't need to read input or print anything. The task is to complete the function maxSubarraySum() which takes Arr[] and n as input and return the sum of of subarray with maximum sum

Example 2:
Input :

N=4

Arr[]={-1,-2,-3,-4}

Output :

-1 (Explanation: Max subarray sum is -1 of element (-1))
Your Task : You don't need to read input or print anything. The task is to complete the function maxSubarraySum() which takes Arr[] and n as input and return the sum of of subarray with maximum sum

Expected Time Complexity : O(N)
Expected Auxillary Space: O(1)

Constraints :
1<=N<=10^6
-10^7<=A[i]<=10^7
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