```
Name
        ADITYA KANDARI
                                                                                  2033
      Roll Number
        3BR23CA003
    EXPERIMENT
    Title 0
      SUB ARRAY WITH MAX SUM
      Description
        You are given a list of integers, and your task is to find the subarray with the maximum sum. Write a function or method to
        solve this problem efficiently and return the maximum sum.
        Input:
        n: the no of elements in the array
        nums (List of integers): A list of integers (1 <= len(nums) <= 10^5)
        Sample input:
        -1 2 3 10 -4 7 2 -5
        Sample output:
        20
        Explanation:
        The max subarry sum is 20. The subarray is [2,3,10,-4,7,2]
      Source Code:
        n=int(input())
        l=list(map(int,input().split()))
        s=1[0]
        ms=1[0]
        for i in range(1,n):
             s=max(l[i],s+l[i])
             ms=max(ms,s)
        print(ms)
                         0033BR23C
    RESULT
      5 / 5 Test Cases Passed | 100 %
3BR'V
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