8

-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:

def max\_subarray\_sum(nums):
max\_so\_far = nums[0]
curr\_max = nums[0]

for num in nums[1:]:
 curr\_max = max(num, curr\_max + num)
 max\_so\_far = max(max\_so\_far, curr\_max)

return max\_so\_far
n = int(input())
nums = list(map(int, input().split()))
max\_sum = max\_subarray\_sum(nums)
print(max\_sum)

1/2

