```
def max_subarray_sum(nums):
     max_sum = float('-inf')
      current_sum = 0
      for num in nums:
          current_sum += num
          if current_sum > max_sum:
              max_sum = current_sum
          if current_sum < 0:</pre>
              current_sum = 0
      return max_sum
  # Example usage
  if __name__ == "__main__":
     import sys
     n = int(sys.stdin.readline().strip())
     nums = list(map(int, sys.stdin.readline().strip().split()))
     result = max_subarray_sum(nums)
     print(result)
5 / 5 Test Cases Passed | 100 %
```

RESULT