```
Roll Number
       3BR23EC022
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)
 *CON
            return max_so_far
        n = int(input())
        nums = list(map(int, input().split()))
        max_sum = max_subarray_sum(nums)
        print(max_sum)
```

1 of 3 26-09-2024, 02:55 pm

2 of 3 26-09-2024, 02:55 pm

3 of 3 26-09-2024, 02:55 pm