Logo STUDENT REPORT **DETAILS** Roll Number Name ARUN KUMAR KUB23ECE005 Description

You are o's sub? Source Code: You are given a list of integers, and your task is to find the def max\_subarray\_sum(nums): subarray with the maximum sum. Write a function or max\_so\_far = nums[0] method to solve this problem efficiently and return the 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) n: the no of elements in the array return max\_so\_far nums (List of integers): A list of integers (1 <= len(nums) n = int(input()) nums = list(map(int, input().split())) max\_sum = max\_subarray\_sum(nums) Sample input: print(max\_sum) -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] RESULT

5 / 5 Test Cases Passed | 100 %