//https://www.geeksforgeeks.org/problems/max-sum-subarray-of-size-k5313/1

**Max Sum Subarray of size K**

Given an array of integers **Arr** of size **N** and a number **K**. Return the **maximum sum** of a subarray of size **K**.

**NOTE\*:**A subarray is a contiguous part of any given array.

**Example 1:**

**Input:**

N = 4, K = 2

Arr = [100, 200, 300, 400]

**Output:**

700

**Explanation:**

Arr3  + Arr4 =700,

which is maximum.

**Example 2:**

**Input:**

N = 4, K = 4

Arr = [100, 200, 300, 400]

**Output:**

1000

**Explanation:**

Arr1 + Arr2 + Arr3 + Arr4 =1000,

which is maximum.

**Your Task:**

You don't need to read input or print anything. Your task is to complete the function **maximumSumSubarray**() which takes the integer **K**, vector **Arr** with size **N**, containing the elements of the array and returns the **maximum sum** of a subarray of size **K**.

**Expected Time Complexity:** O(N)  
**Expected Auxiliary Space:** O(1)

**Constraints:**  
1 <= N <= 1051 <= Arri <= 1051 <= K <= N