Array Intersection!

Given two integer arrays nums1 and nums2, return *an array of their intersection*. Each element in the result must be unique and you may return the result vector in the sorted order.

Example :

Input: nums1 = [1,2,2,1], nums2 = [2,2]

Output: [2]

Constraints:

- 1 <= nums1.length, nums2.length <= 1000
- 0 <= nums1[i], nums2[i] <= 1000

Solution: arrayIntersection.cpp

K-Sum Subarray

In this challenge, we are given an array and we need to find out the length of longest subarray whose sum is equal to given integer K.

Sample Input

arr = { 0,-2,1,2,3,4,5,15,10,5 }

K = 15

Sample output

5

Explanation

The following subarray has the sum 15 and is the longest.

1,2,3,4,5

Expected Complexity

O(N)

Solution: kSumSubarray.cpp