560. Subarray Sum Equals K

Given an array of integers nums and an integer k, return *the total number of subarrays whose sum equals to* k.

A subarray is a contiguous **non-empty** sequence of elements within an array.

Example 1:

Input: nums = [1,1,1], k = 2

Output: 2

Example 2:

Input: nums = [1,2,3], k = 3

Output: 2

Constraints:

- $1 <= nums.length <= 2 * 10^4$
- $-1000 <= nums[i] <= 1000$
- $-10^7 <= k <= 10^7$