Problem Statement 12

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.

Example:

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

Output: 2

Container With Most Water

Given n non-negative integers a1, a2, ..., an , where each represents a point at coordinate (i, ai), n vertical lines are drawn. Find two lines that together with the x-axis forms a container, such that the container contains the most water.

Example:

Input: height = [1,8,6,2,5,4,8,3,7]

Output: 49