Given an array of integers and an integer **k**, you need to find the total number of continuous subarrays whose sum equals to **k**.

**Example 1:**

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

**Output:** 2

**Note:**

1. The length of the array is in range [1, 20,000].
2. The range of numbers in the array is [-1000, 1000] and the range of the integer **k** is [-1e7, 1e7].