# 327. Count of Range Sum

## Description

Given an integer array `nums` and two integers `lower` and `upper`, return *the number of range sums that lie in* `[lower, upper]` *inclusive*.

Range sum `S(i, j)` is defined as the sum of the elements in `nums` between indices `i` and `j` inclusive, where `i <= j`.

**Example 1:**

```
Input: nums = [-2,5,-1], lower = -2, upper = 2
Output: 3
Explanation: The three ranges are: [0,0], [2,2], and [0,2] and their respective sums are: -2, -1, 2.
```

**Example 2:**

```
Input: nums = [0], lower = 0, upper = 0
Output: 1
```

**Constraints:**

- `1 <= nums.length <= 10^5`
- `-2^31 <= nums[i] <= 2^31 - 1`
- `-10^5 <= lower <= upper <= 10^5`
- The answer is **guaranteed** to fit in a **32-bit** integer.