325. Maximum Size Subarray Sum Equals k

Description

Given an integer array `nums` and an integer `k`, return *the maximum length of a* *subarray* *that sums to* `k`. If there is not one, return `0` instead.

Example 1:

```
Input:  nums = [1,−1,5,−2,3], k = 3
Output: 4
Explanation: The subarray [1, −1, 5, −2] sums to 3 and is the longest.
```

Example 2:

```
Input:  nums = [−2,−1,2,1], k = 1
Output: 2
Explanation: The subarray [−1, 2] sums to 1 and is the longest.
```

Constraints:

- `1 <= nums.length <= 2 * 10`^{5}
- `-10`^{4} `<= nums[i] <= 10`^{4}
- `-10`^{9} `<= k <= 10`^{9}