523. Continuous Subarray Sum

Given an integer array nums and an integer k, return true if nums has a good subarray or false otherwise.

A good subarray is a subarray where:

- its length is at least two, and
- the sum of the elements of the subarray is a multiple of k.

Note that:

- A subarray is a contiguous part of the array.
- An integer x is a multiple of k if there exists an integer n such that x = n * k. 0 is always a multiple of k.

Example 1:

- **Input:** nums = [23,2,4,6,7], k = 6
- **Output:** true
- **Explanation:** [2, 4] is a continuous subarray of size 2 whose elements sum up to 6.

Example 2:

- **Input:** nums = [23,2,6,4,7], k = 6
- **Output:** true
- **Explanation:** [23, 2, 6, 4, 7] is an continuous subarray of size 5 whose elements sum up to 42.

  42 is a multiple of 6 because 42 = 7 * 6 and 7 is an integer.

Example 3:

- **Input:** nums = [23,2,6,4,7], k = 13
- **Output:** false

Constraints:

- 1 <= nums.length <= 10^5
- 0 <= nums[i] <= 10^9
- 0 <= sum(nums[i]) <= 2^{31} - 1
- 1 <= k <= 2^{31} - 1