456. 132 Pattern

Given an array of n integers nums, a 132 pattern is a subsequence of three integers nums[i], nums[j] and nums[k] such that i < j < k and nums[i] < nums[k] < nums[j].

Return true if there is a 132 pattern in nums, otherwise, return false.

Example 1:

- **Input:** nums = [1,2,3,4]
- **Output:** false
- **Explanation:** There is no 132 pattern in the sequence.

Example 2:

- **Input:** nums = [3,1,4,2]
- **Output:** true
- **Explanation:** There is a 132 pattern in the sequence: [1, 4, 2].

Example 3:

- **Input:** nums = [-1,3,2,0]
- **Output:** true
- **Explanation:** There are three 132 patterns in the sequence: [-1, 3, 2], [-1, 3, 0] and [-1, 2, 0].

Constraints:

- n == nums.length
- 1 <= n <= $2 * 10^5$
- -10^9 <= nums[i] <= 10^9