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