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 \* 105
* -109 <= nums[i] <= 109