2150. Find All Lonely Numbers in the Array

Solved

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You are given an integer array [nums]. A number [x] is **lonely** when it appears only **once**, and no **adjacent** numbers (i.e. [x+1] and [x-1] appear in the array.

Return *all* lonely numbers in nums. You may return the answer in any order.

Example 1:

Input: nums = [10,6,5,8]

Output: [10,8] Explanation:

- 10 is a lonely number since it appears exactly once and 9 and 11 does not appear in nums.
- 8 is a lonely number since it appears exactly once and 7 and 9 does not appear in nums.
- 5 is not a lonely number since 6 appears in nums and vice versa.

Hence, the lonely numbers in nums are [10, 8].

Note that [8, 10] may also be returned.

Example 2:

Input: nums = [1,3,5,3]

Output: [1,5] Explanation:

- 1 is a lonely number since it appears exactly once and 0 and 2 does not appear in nums.
- 5 is a lonely number since it appears exactly once and 4 and 6 does not appear in nums.
- 3 is not a lonely number since it appears twice.

Hence, the lonely numbers in nums are [1, 5].

Note that [5, 1] may also be returned.

Constraints:

- 1 <= nums.length <= 10⁵
- 0 <= nums[i] <= 10⁶

Seen this question in a real interview before? 1/5

Yes No

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