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Description

Solution

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164. Maximum Gap

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Given an integer array `nums` , return *the maximum difference between two successive elements in its sorted form*. If the array contains less than two elements, return `0` .

You must write an algorithm that runs in linear time and uses linear extra space.

Example 1:

Input: `nums = [3,6,9,1]`

Output: `3`

Explanation: The sorted form of the array is `[1,3,6,9]`, either `(3,6)` or `(6,9)` has the maximum difference `3`.

Example 2:

Input: `nums = [10]`

Output: `0`

Explanation: The array contains less than 2 elements, therefore return `0`.

Constraints:

- `1 <= nums.length <= 10^5`
- `0 <= nums[i] <= 10^9`

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class Solution {

public int maximumGap(int[] nums) {

}

}

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https://leetcode.com/problems/maximum-gap/

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