You are given a **0-indexed** integer array nums. For each index i (1 <= i <= nums.length - 2) the **beauty** of nums[i] equals:

* 2, if nums[j] < nums[i] < nums[k], for **all** 0 <= j < i and for **all** i < k <= nums.length - 1.
* 1, if nums[i - 1] < nums[i] < nums[i + 1], and the previous condition is not satisfied.
* 0, if none of the previous conditions holds.

Return*the****sum of beauty****of all*nums[i]*where*1 <= i <= nums.length - 2.

**Example 1:**

**Input:** nums = [1,2,3]

**Output:** 2

**Explanation:** For each index i in the range 1 <= i <= 1:

- The beauty of nums[1] equals 2.

**Example 2:**

**Input:** nums = [2,4,6,4]

**Output:** 1

**Explanation:** For each index i in the range 1 <= i <= 2:

- The beauty of nums[1] equals 1.

- The beauty of nums[2] equals 0.

**Example 3:**

**Input:** nums = [3,2,1]

**Output:** 0

**Explanation:** For each index i in the range 1 <= i <= 1:

- The beauty of nums[1] equals 0.

**Constraints:**

* 3 <= nums.length <= 105
* 1 <= nums[i] <= 105