

5876. Sum of Beauty in the Array

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You are given a **0-indexed** integer array `nums`. For each index `i` ($1 \leq i \leq \text{nums.length} - 2$) the **beauty** of `nums[i]` equals:

- 2, if `nums[j] < nums[i] < nums[k]`, for **all** $0 \leq j < i$ and for **all** $i < k \leq \text{nums.length} - 1$.
- 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 $1 \leq i \leq \text{nums.length} - 2$.

User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: Medium

Example 1:

Input: `nums = [1,2,3]`**Output:** 2**Explanation:** For each index `i` in the range $1 \leq i \leq 1$:– 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 $1 \leq i \leq 2$:– 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 $1 \leq i \leq 1$:– The beauty of `nums[1]` equals 0.

Constraints:

- $3 \leq \text{nums.length} \leq 10^5$
- $1 \leq \text{nums}[i] \leq 10^5$

JavaScript



```
1 /**
2  * @param {number[]} nums
3  * @return {number}
4  */
5 var sumOfBeauties = function(nums) {
6
7  };
```