Given an array nums of integers, a *move* consists of choosing any element and **decreasing it by 1**.

An array A is a *zigzag array* if either:

* Every even-indexed element is greater than adjacent elements, ie. A[0] > A[1] < A[2] > A[3] < A[4] > ...
* OR, every odd-indexed element is greater than adjacent elements, ie. A[0] < A[1] > A[2] < A[3] > A[4] < ...

Return the minimum number of moves to transform the given array nums into a zigzag array.

**Example 1:**

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

**Output:** 2

**Explanation:** We can decrease 2 to 0 or 3 to 1.

**Example 2:**

**Input:** nums = [9,6,1,6,2]

**Output:** 4

**Constraints:**

* 1 <= nums.length <= 1000
* 1 <= nums[i] <= 1000