

985. Sum of Even Numbers After Queries

Description

You are given an integer array `nums` and an array `queries` where `queries[i] = [vali, indexi]`.

For each query `i`, first, apply `nums[indexi] = nums[indexi] + vali`, then print the sum of the even values of `nums`.

Return *an integer array* `answer` *where* `answer[i]` *is the answer to the* `ith` *query*.

Example 1:

Input: `nums = [1,2,3,4]`, `queries = [[1,0],[-3,1],[-4,0],[2,3]]`

Output: `[8,6,2,4]`

Explanation: At the beginning, the array is `[1,2,3,4]`.

After adding 1 to `nums[0]`, the array is `[2,2,3,4]`, and the sum of even values is $2 + 2 + 4 = 8$.

After adding -3 to `nums[1]`, the array is `[2,-1,3,4]`, and the sum of even values is $2 + 4 = 6$.

After adding -4 to `nums[0]`, the array is `[-2,-1,3,4]`, and the sum of even values is $-2 + 4 = 2$.

After adding 2 to `nums[3]`, the array is `[-2,-1,3,6]`, and the sum of even values is $-2 + 6 = 4$.

Example 2:

Input: `nums = [1]`, `queries = [[4,0]]`

Output: `[0]`

Constraints:

- `1 <= nums.length <= 104`
- `-104 <= nums[i] <= 104`
- `1 <= queries.length <= 104`
- `-104 <= vali <= 104`
- `0 <= indexi < nums.length`

