Problem Link:

<https://leetcode.com/problems/apply-operations-to-an-array/submissions/1558839872/?envType=daily-question&envId=2025-03-01>

Solution:

class Solution {

public:

vector<int> applyOperations(vector<int>& nums) {

for(int i = 0; i < nums.size() - 1; ++i)

{

if(nums[i] == nums[i + 1])

{

nums[i] \*= 2;

nums[i + 1] = 0;

}

}

vector<int> v;

for(int num : nums)

{

if(num != 0)

{

v.push\_back(num);

}

}

v.insert(v.end(), nums.size() - v.size(), 0);

return v;

}

};