Problem Link:

<https://leetcode.com/problems/count-hills-and-valleys-in-an-array/?envType=daily-question&envId=2025-07-27>

Solution:

class Solution {

public:

int countHillValley(vector<int>& nums) {

vector<int> v;

v.push\_back(nums[0]);

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

{

if(nums[i] != nums[i - 1])

{

v.push\_back(nums[i]);

}

}

int c = 0;

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

{

if((v[i] > v[i - 1] && v[i] > v[i + 1]) || (v[i] < v[i - 1] && v[i] < v[i + 1]))

{

c++;

}

}

return c;

}

};