Problem Link:

<https://leetcode.com/problems/count-good-triplets/?envType=daily-question&envId=2025-04-14>

Solution:

class Solution {

public:

int countGoodTriplets(vector<int>& arr, int a, int b, int c) {

int count = 0;

int n = arr.size();

for(int i=0;i<n-2;++i)

{

for(int j=i+1;j<n-1;++j)

{

if(abs(arr[i]-arr[j])<=a)

{

for(int k=j+1;k<n;++k)

{

if(abs(arr[j]-arr[k])<=b && abs(arr[i]-arr[k])<=c)

{

count++;

}

}

}

}

}

return count;

}

};