Problem Link:

<https://leetcode.com/problems/divide-array-into-arrays-with-max-difference/?envType=daily-question&envId=2025-06-18>

Solution:

class Solution {

public:

vector<vector<int>> divideArray(vector<int>& nums, int k) {

sort(nums.begin(), nums.end());

vector<vector<int>> v;

for(int i = 0; i < nums.size(); i += 3)

{

int a = nums[i], b = nums[i+1], c = nums[i+2];

if(c - a > k)

return {};

v.push\_back({a, b, c});

}

return v;

}

};