Problem Link:

<https://leetcode.com/problems/merge-two-2d-arrays-by-summing-values/?envType=daily-question&envId=2025-03-02>

Solution:

class Solution {

public:

vector<vector<int>> mergeArrays(vector<vector<int>>& nums1, vector<vector<int>>& nums2) {

unordered\_map<int, int> m;

for(const auto& p : nums1)

{

m[p[0]] += p[1];

}

for(const auto& p : nums2)

{

m[p[0]] += p[1];

}

vector<vector<int>> v;

for(const auto& p : m)

{

v.push\_back({p.first, p.second});

}

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

return v;

}

};