# 2215. Find the Difference of Two Arrays

Given two 0-indexed integer arrays nums1 and nums2, return a list answer of size 2 where:

answer[0] is a list of all distinct integers in nums1 which are not present in nums2.

answer[1] is a list of all distinct integers in nums2 which are not present in nums1.

Note that the integers in the lists may be returned in any order.

## SOLUTION IN C++

class Solution {

public:

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

const unordered\_set<int> set1{nums1.begin(), nums1.end()};

const unordered\_set<int> set2{nums2.begin(), nums2.end()};

vector<vector<int>> ans(2);

for (const int num : set1)

if (!set2.count(num))

ans[0].push\_back(num);

for (const int num : set2)

if (!set1.count(num))

ans[1].push\_back(num);

return ans;

}

};