**Find Duplicate in Array**

#include <bits/stdc++.h>

int findDuplicate(vector<int> &arr, int n){

// Write your code here.

map<int,int> mp;

for(int i=0; i<n; i++){

mp[arr[i]]++;

}

for(auto it : mp){

if(it.second>1)

return it.first;

}

}