**Day 6 : Majority element**

#include <bits/stdc++.h>

int findMajorityElement(int arr[], int n) {

// Write your code here.

int x = floor(n/2);

map<int,int> mp;

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

mp[arr[i]]++;

}

for(auto it : mp){

if(it.second>x)

return it.first;

}

return -1;

}