**Majority Element - II**

#include <bits/stdc++.h>

vector<int> majorityElementII(vector<int> &arr)

{

// Write your code here.

int n = arr.size();

int x = floor(n/3);

vector<int> ans;

map<int,int> mp;

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

mp[arr[i]]++;

}

for(auto it : mp){

if(it.second>x)

ans.push\_back(it.first);

}

return ans;

}