Problem Link:

<https://codeforces.com/problemset/problem/1335/C>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n;
* cin >> n;
* **map**<**int**, **int**> m;
* **vector<int>** v(n);
* **int** f = 0;
* **for**(**int** i = 0; i < n; ++i)
* {
* cin >> v[i];
* m[v[i]]++;
* f = max(f, m[v[i]]);
* }
* **int** s = m.size();
* **int** mf = max(min((**int**)s - 1, f), min((**int**)s, f - 1));
* cout << mf << **"\n"**;
* }
* **return** 0;
* }