Problem Link:

<https://codeforces.com/problemset/problem/1831/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n;
* cin >> n;
* **vector<int>** a(n), fb(n);
* **for**(**int** i = 0; i < n; ++i)
* cin >> a[i];
* **vector<int>** v(n);
* **for**(**int** i = 0; i < n; ++i)
* v[i] = i;
* sort(v.begin(), v.end(), [&](**int** i, **int** j) {
* **return** a[i] < a[j];
* });
* **vector<int>** sb(n);
* **for**(**int** i = 0; i < n; ++i)
* sb[i] = n - i;
* **for**(**int** i = 0; i < n; ++i)
* {
* fb[v[i]] = sb[i];
* }
* **for**(**int** i = 0; i < n; ++i)
* {
* cout << fb[i] << **" "**;
* }
* cout << **"\n"**;
* }
* **return** 0;
* }