Problem Link:

<https://codeforces.com/problemset/problem/1903/A>

Solution:

* **#include**<bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n, k;
* cin >> n >> k;
* **vector<int>** a(n), b(n);
* **for**(**int** i = 0; i < n; ++i)
* {
* cin >> a[i];
* b[i] = a[i];
* }
* sort(b.begin(), b.end());
* **if**(k == 1 && a != b)
* {
* cout << **"NO\n"**;
* }
* **else**
* {
* cout << **"YES\n"**;
* }
* }
* **return** 0;
* }