Problem Link:

<https://codeforces.com/problemset/problem/2000/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n;
* cin >> n;
* **vector<int>** v(n);
* **for**(**int** i = 0; i < n; i++)
* cin >> v[i];
* **set<int>** s;
* **bool** f = **true**;
* **for**(**int** i = 0; i < n; ++i)
* {
* **int** e = v[i];
* **if**(i == 0)
* {
* s.insert(e);
* **continue**;
* }
* **if**(s.count(e - 1) || s.count(e + 1))
* {
* s.insert(e);
* }
* **else**
* {
* f = **false**;
* **break**;
* }
* }
* cout << (f ? **"YES"** : **"NO"**) << **"\n"**;
* }
* **return** 0;
* }