Problem Link:

<https://codeforces.com/problemset/problem/1669/C>

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];
* **bool** f = **true**;
* **int** e = v[0] % 2;
* **int** o = (n > 1 ? v[1] % 2 : 0);
* **for**(**int** i = 0; i < n; ++i)
* {
* **if**(i % 2 == 0 && v[i] % 2 != e)
* {
* f = **false**;
* **break**;
* }
* **if**(i % 2 == 1 && v[i] % 2 != o)
* {
* f = **false**;
* **break**;
* }
* }
* cout << (f ? **"YES\n"** : **"NO\n"**);
* }
* **return** 0;
* }