Problem Link:

<https://codeforces.com/problemset/problem/1772/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **bool** isBeautiful(**vector**<**vector<int>**>& v)
* {
* **return** v[0][0] < v[0][1] &&
* v[1][0] < v[1][1] &&
* v[0][0] < v[1][0] &&
* v[0][1] < v[1][1];
* }
* **void** rotate90(**vector**<**vector<int>**>& v)
* {
* **vector**<**vector<int>**> t(2, **vector<int>**(2));
* t[0][0] = v[1][0];
* t[0][1] = v[0][0];
* t[1][1] = v[0][1];
* t[1][0] = v[1][1];
* v = t;
* }
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **vector**<**vector<int>**> v(2, **vector<int>**(2));
* cin >> v[0][0] >> v[0][1];
* cin >> v[1][0] >> v[1][1];
* **bool** f = **false**;
* **for**(**int** i = 0; i < 4; ++i)
* {
* **if**(isBeautiful(v))
* {
* f = **true**;
* **break**;
* }
* rotate90(v);
* }
* cout << (f ? **"YES\n"** : **"NO\n"**);
* }
* **return** 0;
* }