



## Customized Chess Board

### Problem

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Since all chess boards available in the market are  $8 \times 8$  boards, Alex decides to paint a customised  $N \times N$  board. Given the painted chess board, can you tell if it is painted correctly or not? A chess board is considered valid if every 2 adjacent cells are painted with different color. Two cells are considered adjacent if they share a boundary e.g.

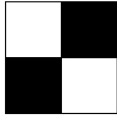


Figure I



Figure II

Chess board in figure I is painted correctly though chess board in figure II is not.

### Input Format

First line of input contains a single integer  $T$  denoting the number of test cases.

First line of each test contains a single integer  $N$  denoting the size of the board.

Next  $N$  lines of each test case contains  $N$  space separated integers. If the  $j^{\text{th}}$  integer in  $i^{\text{th}}$  line is 0, it means that cell is painted in black color otherwise it is painted in white color and is represented with 1.

### Constraints

- $1 \leq T \leq 5$
- $1 \leq N \leq 100$
- $C_{i,j} \in \{0, 1\}$

### Output Format

For each test case, Print Yes if the chess board is painted correctly, Print No otherwise in a new line.

### Sample Input 0

```
2
2
0 0
0 0
2
0 1
1 0
```

### Sample Output 0

```
No
Yes
```

### Explanation 0

- In the first test case, adjacent cells are painted with same color making painted configuration invalid.
- In the second test case, every pair of adjacent cells is painted with different color making chess board configuration valid.

Author

ma5termind

Difficulty

Easy

Max Score

10

Submitted By

1887

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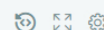


### MORE DETAILS

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Java 7



```
1 import java.io.*;
2 import java.math.*;
3 import java.security.*;
4 import java.text.*;
5 import java.util.*;
6 import java.util.concurrent.*;
7 import java.util.regex.*;
8
9 public class Solution {
```

```
10
11 // Complete the solve function below.
12 static String solve(List<List<Integer>> board) {
13
14
15 }
16
17 public static void main(String[] args) throws IOException {
18     BufferedReader bufferedReader = new BufferedReader(new InputStreamReader
19 (System.in));
20     BufferedWriter bufferedWriter = new BufferedWriter(new FileWriter(System.getenv
```

Line: 51 Col: 1

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