Problem L. World Cup

```
Input file:     Standard Input
Output file:    Standard Ouptut
Time limit:     1 second
```

Here is World Cup again, the top 32 teams come together to fight for the World Champion.

The teams are assigned into 8 groups, with 4 teams in each group. Every two teams in the same group will play a game (so there are totally 6 games in each group), and the winner of this game gets **3** points, loser gets **0** point. If it is a tie game, both teams get **1** point.

After all games finished, we get the scoreboard, but we forget the result of each game, can you help us to figure the result of each game? We only care about the win/lose/tie result of each game, but we don't care the goals in each game.

Input

The input starts with one line containing exactly one integer T, which is the number of test cases.

Each test case contains four space-separated integers A, B, C, D, in a line, which indicate the points each team gets after all 6 games.

Output

For each test case, output one line containing `Case #x: y`, where `x` is the test case number (starting from `1`) and `y` is "`Yes`" if you can point out the result of each game, or "`No`" if there are multiple game results satisfy the scoreboard, or "`Wrong Scoreboard`" if there is no game result matches the scoreboard.

Limits

- $1 \leq T \leq 100$.
- $0 \leq A, B, C, D \leq 100$.

Sample input and output

Sample Input	Sample Output
3 9 6 3 0 6 6 6 0 10 6 3 0	Case #1: Yes Case #2: No Case #3: Wrong Scoreboard

Note

In `sample case #1`, the only scenaro will be: the first team wins all the three games it plays, the second team loses to the first team and wins the other two, the third team only wins the game with the fourth, and the fourth team lose all the games.

In `sample case #2`, the fourth team loses all the games, and the first three teams get into a winning-cycle, but there may be two different winning-cycles: first team wins second team, second team wins third team, third team wins first team OR first team wins third team, third team wins second team, second team wins first team. We can't figure which winning-cycle is the actual game result.

In `sample case #3`, the first team get 10 points, but no team could get more than 9 points by play three games, so it is a wrong scoreboard.