# Complete the level

Submit solution

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**Points:** 100 (partial)
**Time limit:** 1.0s
**Memory limit:** 256M

**Author:**
Akshat

**Problem type**

**Allowed languages**
C, C++

Akshat is playing a computer game. Now he wants to complete the first level of this game. A level is a rectangular grid of `2` rows and `n` columns. Akshat controls a character, which starts in cell (1,1) at the intersection of the 1 st row and the 1 st column. Akshat's character can move from one cell to another in one step if the cells are adjacent by side and/or corner. Formally, it is possible to move from cell (x1,y1) to cell (x2,y2) in one step if $|x1-x2| \leq 1$ and $|y1-y2| \leq 1$. Obviously, it is prohibited to go outside the grid.

There are traps in some cells. If Akshat's character finds himself in such a cell, he dies, and the game ends. To complete a level, Akshat's character should reach cell (2,n) at the intersection of row `2` and column `n`. Help Akshat determine if it is possible to complete the level.

## Input Format

- The first line contains a single integer t ($1 \leq t \leq 100$), the number of test cases. Then the test cases follow. Each test case consists of three lines.
- The first line contains a single integer n ($3 \leq n \leq 100$), the number of columns.
- The next two lines describe the level. The i th of these lines describes the i th line of the level, the line consists of the characters `0` and `1`. The character `0` corresponds to a safe cell, the character `1` corresponds to a trap cell.
- Assume the cells (1,1) and (2,n) are always safe, irrespective of that cell being 0 or 1.

## Output Format

- For each test case, output YES if it is possible to complete the level, and NO otherwise.

```
4
3
000
000
4
0011
1100
4
0111
1110
6
010101
101010
```

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### Output

```
YES
YES
NO
YES
```

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### Explanation for test case 1:

In the first test case, one of the possible paths is $(1,1) \rightarrow (2,2) \rightarrow (2,3)$

### Explanation for test case 2:

In the second test case, one of the possible paths is $(1,1) \rightarrow (1,2) \rightarrow (2,3) \rightarrow (2,4)$

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## Clarifications

Request clarification

No clarifications have been made at this time.