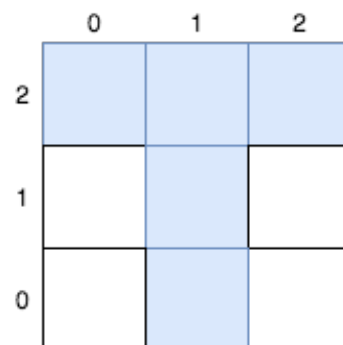
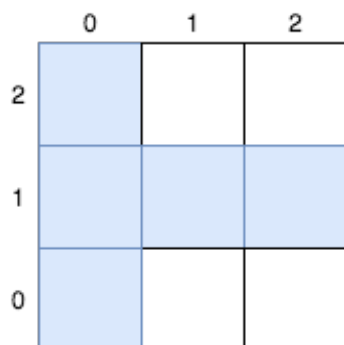
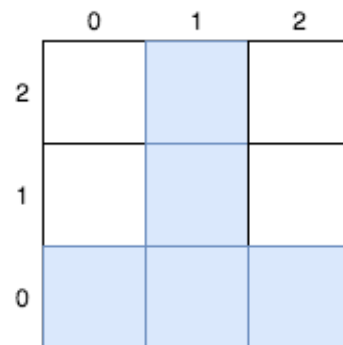
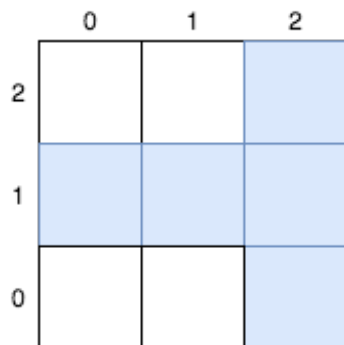


Is it T-shaped?

 hackerrank.com/contests/codeagon/challenges/is-it-t-shaped

In the kids version of the game Twister, a player has to form close T-shapes with his moves. After 5 moves, if a T-shape is formed, the player wins. Given 5 two-dimensional coordinate points, can you tell whether they are closely T-shaped or not? Print **YES** if a T-shape can be formed, and **NO** if not.

There are 4 possible types of T-shaped formations:



Input Format

The first line contains the number of test cases **T**. Each test cases has five lines containing two non-negative integers **x** and **y** separated by a single space. Points in the same test case are all distinct.

Constraints

- $1 \leq T \leq 500$
- $0 \leq x \leq 10^6$
- $0 \leq y \leq 10^6$

Output Format

For each test-case, output **Yes** if they form T-shaped or **No** if they don't form T-shaped in a new line.

Sample Input 0

```
1
7 5
8 5
6 5
7 6
7 7
```

Sample Output 0

Yes

Explanation 0

The given coordinate points form a close T-shape, hence the output is **YES**.

Sample Input 1

```
3
0 1
1 1
2 1
2 2
2 0
0 2
1 2
3 2
1 1
1 0
0 2
0 1
0 0
1 1
2 2
```

Sample Output 1

Yes

No

No