Jadu Matrix

Problem Statement

You will be given a matrix of size **N * M**. You need to tell if it is **Jadu Matrix** or not.

Note: A Jadu Matrix is a square matrix, where the values of primary diagonal and secondary diagonal are 1. Rest of the cell will contain only 0.

Input Format

- First line will contain **N**, the row and **M**, the column of the matrix.
- Then the **N * M** sized matrix will be given.

Constraints

- 1 <= **N, M** <= 100
- 0 <= **Values** <= 100

Output Format

- Ouput "**YES**" if the matrix is Jadu Matrix, otherwise output "**NO**" without the quotation marks.

Sample Input 0

```
5 5
1 0 0 0 1
0 1 0 1 0
0 0 1 0 0
0 1 0 1 0
1 0 0 0 1
```

Sample Output 0

```
YES
```

Sample Input 1

```
5 5
1 0 0 0 1
0 1 0 1 0
0 0 0 0 0
0 1 0 1 0
1 0 0 0 1
```

Sample Output 1

```
NO
```

Sample Input 2

```
5 5
1 0 0 0 1
0 1 0 1 0
0 0 1 0 1
0 1 0 1 0
1 0 0 0 1
```

Sample Output 2

```
NO
```

Sample Input 3

```
5 5
2 0 0 0 1
0 1 0 1 0
0 0 1 0 0
0 1 0 1 0
1 0 0 0 1
```

Sample Output 3

```
NO
```

Sample Input 4

```
6 6
1 0 0 0 0 1
0 1 0 0 1 0
0 0 1 1 0 0
0 0 1 1 0 0
0 1 0 0 1 0
1 0 0 0 0 1
```

Sample Output 4

```
YES
```

```c
#include <stdlib.h>

int main() {

    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}

```

Line: 1 Col: 1

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