

# Puzzle

Bibi got a challenge from her friend. Given matrix sized  $N \times N$  consists of numbers between 1 to N. Determine if the matrix doesn't contain a same number on the same row or column.

#### Format Input

Input consists of one integer N, size of matrix given to Bibi. Then, N rows follow each consists of N elements of the matrix. Each element is denoted as an integer  $A_{i,j}$ , where i and j is the index of row and column of the respectful element.

#### Format Output

Output answer "Yay" if the matrix doesn't contain a same number on the same row or column. Otherwise, the answer is "Nay" (without quote).

#### Constraints

- $1 \le N \le 100$
- $1 \le A_{i,j} \le N$

## Sample Input 1 (standard input)

1 1

### Sample Output 1 (standard output)

Yay

### Sample Input 2 (standard input)

21212

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### Sample Output 2 (standard output)

Nay		

# Sample Input 3 (standard input)

3		7	
1	2 3		
2	3 1		
3	1 2		

## Sample Output 3 (standard output)

Yay		
Idy		



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## Puzzle

Bibi mendapatkan tantangan dari temannya. Ia diberikan matriks berukuran  $N \times N$  yang mengandung angka yang terdiri dari 1 sampai N. Tentukan apakah matriks tersebut memiliki angka yang sama dalam 1 baris atau 1 kolom yang sama ataukah tidak.

#### Format Input

Input terdiri dari 1 buah angka bulat N, ukuran matriks yang diberikan kepada Bibi. Kemudian diikuti oleh N baris yang masing-masing terdiri N elemen pada matriks tersebut. Setiap element merupakan sebuah angka bulat  $A_{i,j}$ , dimana i dan j adalah index baris dan kolom dari element tersebut.

#### Format Output

Output yang dikeluarkan berupa jawaban "Yay" apabila tidak terdapat angka yang sama dalam 1 baris atau 1 kolom tertentu. Selain itu, keluarkan jawaban "Nay" (jawaban tanpa tanda petik).

#### Constraints

- $1 \le N \le 100$
- $1 \le A_{i,j} \le N$

## Sample Input 1 (standard input)

1

## Sample Output 1 (standard output)

Yay

## Sample Input 2 (standard input)

2

1 2

1 2

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### Sample Output 2 (standard output)

Nay		

# Sample Input 3 (standard input)

3		7	
1	2 3		
2	3 1		
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## Sample Output 3 (standard output)

Yay		
Idy		



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