

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 element of the matrix.

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

• $1 \le N \le 100$

Sample Input 1 (standard input)

Sample Output 1 (standard output)

Yay

Sample Input 2 (standard input)

2 1 2 1 2

Sample Output 2 (standard output)

Nay

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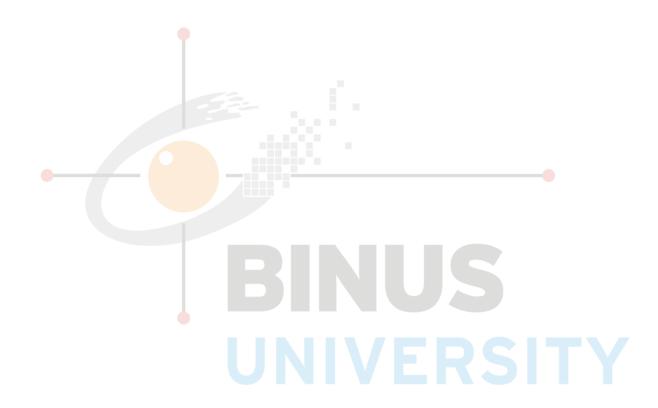


Sample Input 3 (standard input)

3 1 2 3 2 3 1 3 1 2

Sample Output 3 (standard output)

Yay



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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.

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 < N < 100

Sample Input 1 (standard input)

1

Sample Output 1 (standard output)

ERS

Yay

Sample Input 2 (standard input)

212

1 2

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Sample Output 2 (standard output)

Nay

Sample Input 3 (standard input)

Sample Output 3 (standard output)

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