

Attendance

Lili is organizing a competition at her school. There are $N \times N$ people in a room-sized $N \times N$ and each one of them belongs to a team. The team is numbered between 1 to N. In the room, people wear a shirt with numbers between 0 to N indicating team number they come from. People that wears number 0 is spectator.

Lili wants to know whether each team consists of at least N members and are in the room. Help Lili to count how many incomplete teams in the room.

Format Input

Input consists of one integer N, number of team participating in this competition followed by N lines consisting of N integers A_{ij} with value between 0 and N inclusive, each representing the numbers in the people's shirts.

Format Output

Output the number of incomplete teams in the room.

Constraints

- $1 \le N \le 100$
- $0 \le A_{ij} \le N$ for $1 \le i, j \le N$

Sample Input 1 (standard input)

1

Sample Output 1 (standard output)

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Sample Input 2 (standard input)

2	
1 0	
0 2	

Sample Output 2 (standard output)



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Lili sedang mengurus kompetisi di sekolahnya. Terdapat $N \times N$ orang di dalam ruangan berukuran $N \times N$ dan setiap orang berasal dari suatu tim. Setiap Tim diberi nomor dari 1 sampai N. Dalam ruangan, orang memakai baju bernomor antara 0 sampai N. Orang yang memakai baju nomor 0 adalah spektator (bukan merupakan tim nomor berapapun). Lili ingin tahu apakah setiap tim yang terdiri dari paling sedikit N personil ada di dalam ruangan. Bantu Lili menghitung tim yang tidak lengkap dalam ruangan.

Format Input

Input terdiri dari 1 buah angka bulat N, jumlah tim yang ikut dalam kompetisi. Kemudian diikuti oleh N baris yang masing-masing terdiri dari N angka A_{ij} dan bernilai antara 0 sampai N, dimana angka-angka tersebut merepresentasikan nomor baju masing-masing peserta.

Format Output

Output yang dikeluarkan berupa jumlah tim yang tidak lengkap di dalam ruangan.

Constraints

- 1 < N < 100
- $0 \le A_{ij} \le N$ untuk $1 \le i, j \le N$

Sample Input 1 (standard input)

1

Sample Output 1 (standard output)

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Sample Input 2 (standard input)

2	
1 0	
0 2	

Sample Output 2 (standard output)



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