Number of Provinces

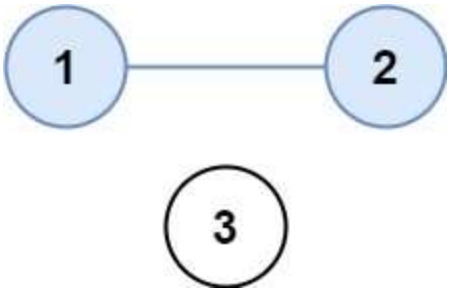
There are n cities. Some of them are connected, while some are not. If city a is connected directly with city b, and city b is connected directly with city c, then city a is connected indirectly with city c.

A province is a group of directly or indirectly connected cities and no other cities outside of the group.

You are given an n x n matrix isConnected where isConnected[i][j] = 1 if the i^{th} city and the j^{th} city are directly connected, and isConnected[i][j] = 0 otherwise.

Return *the total number of provinces*.

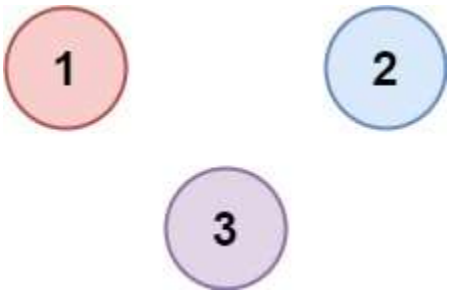
Example 1:



Input: isConnected = [[1,1,0],[1,1,0],[0,0,1]]

Output: 2

Example 2:



Input: isConnected = [[1,0,0],[0,1,0],[0,0,1]]

Output: 3

Constraints:

- 1 <= n <= 200

- `n == isConnected.length`
- `n == isConnected[i].length`
- `isConnected[i][j] is 1 or 0.`
- `isConnected[i][i] == 1`
- `isConnected[i][j] == isConnected[j][i]`