

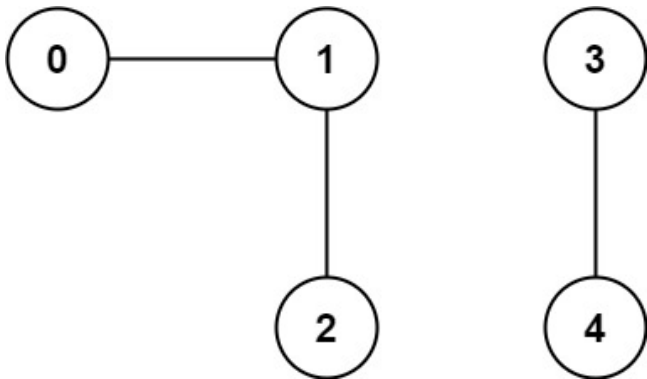
323. Number of Connected Components in an Undirected Graph

Premium

Medium Topics Companies

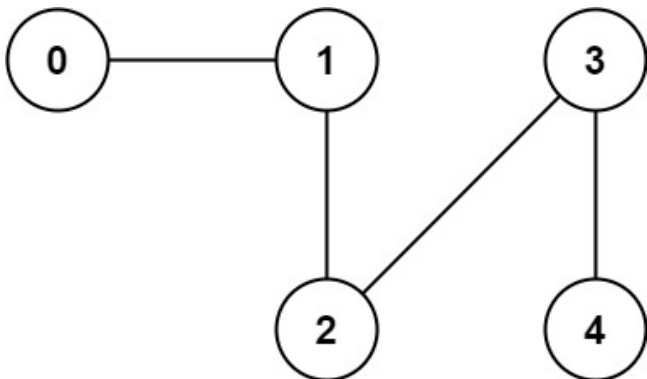
You have a graph of n nodes. You are given an integer n and an array `edges` where `edges[i] = [ai, bi]` indicates that there is an edge between nodes a_i and b_i . Return the number of connected components in the graph.

Example 1:



Input: $n = 5$, `edges = [[0,1], [1,2], [3,4]]`
Output: 2

Example 2:



Input: $n = 5$, `edges = [[0,1], [1,2], [2,3], [3,4]]`
Output: 1

Constraints:

- $1 \leq n \leq 2000$
- $1 \leq \text{edges.length} \leq 5000$
- `edges[i].length == 2`
- $0 \leq a_i \leq b_i < n$
- $a_i \neq b_i$
- There are no repeated edges.

Seen this question in a real interview before? 1/4

Yes No

Accepted 381.4K Submissions 609K Acceptance Rate 62.6%

Topics