

323. Number of Connected Components in an Undirected Graph Premium

Medium

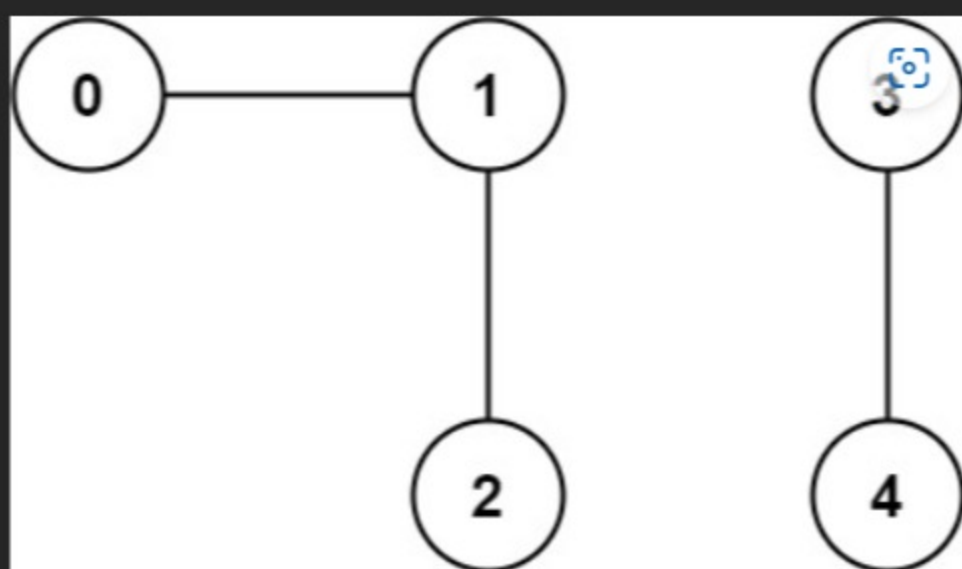
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You have a graph of n nodes. You are given an integer n and an array `edges` where `edges[i] = [ai, bi]` indicates that there is an edge between a_i and b_i in the graph.

Return *the number of connected components in the graph*.

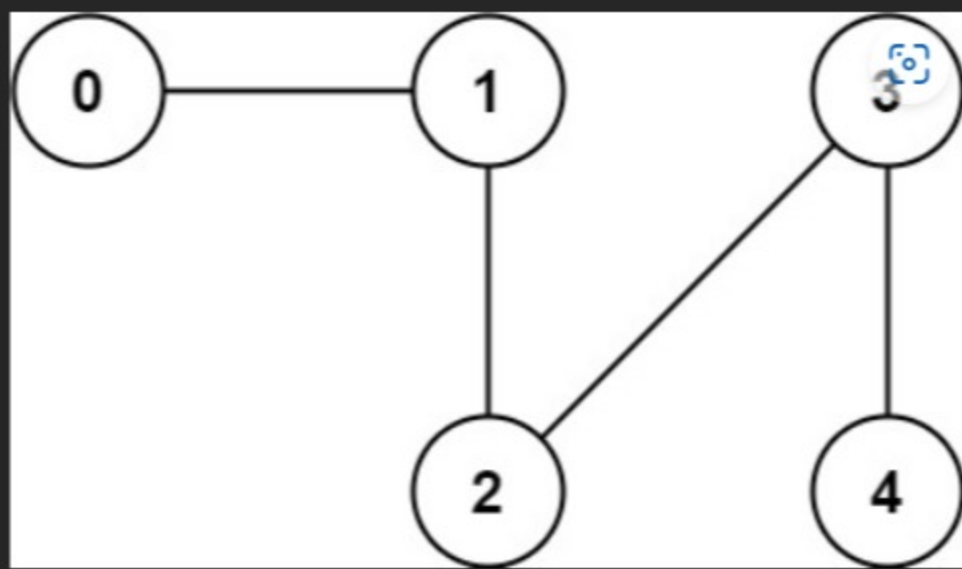
Example 1:



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? 1/5

Yes

No

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