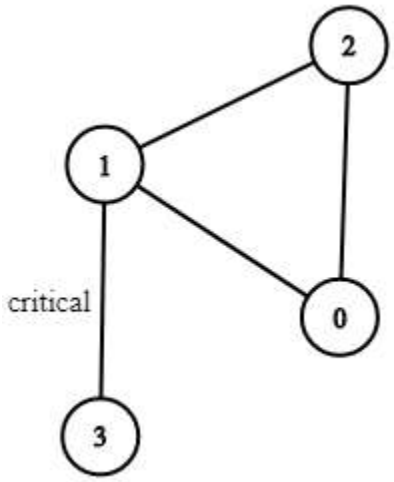
Critical Connections in a Network

There are n servers numbered from 0 to n - 1 connected by undirected server-to-server connections forming a network where connections[i] = [a_i, b_i] represents a connection between servers a_i and b_i. Any server can reach other servers directly or indirectly through the network.

A *critical connection* is a connection that, if removed, will make some servers unable to reach some other server.

Return all critical connections in the network in any order.

Example 1:



Input: n = 4, connections = [[0,1],[1,2],[2,0],[1,3]]

Output: [[1,3]]

Explanation: [[3,1]] is also accepted.

Example 2:

Input: n = 2, connections = [[0,1]]

Output: [[0,1]]

Constraints:

- $2 <= n <= 10^5$
- $n - 1 <= connections.length <= 10^5$
- $0 <= a_i, b_i <= n - 1$
- $a_i != b_i$
- There are no repeated connections.