1192. Critical Connections in a Network

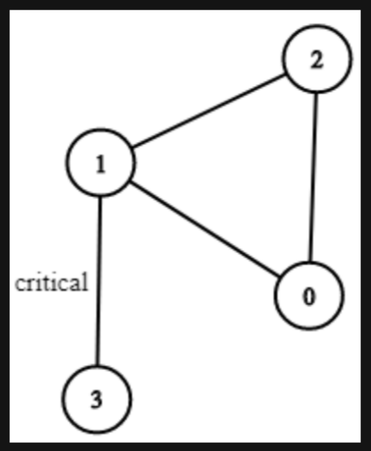
Description

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.