# 261. Graph Valid Tree  `Premium`                                               Solved ●
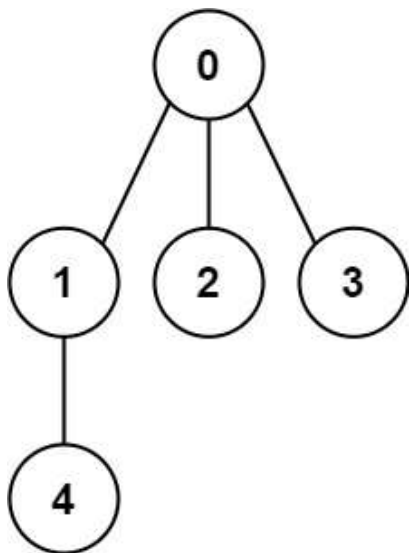
Medium    🏷 Topics    📇 Companies    💡 Hint

You have a graph of `n` nodes labeled from `0` to `n - 1`. You are given an integer n and a list of `edges` where `edges[i] = [a_i, b_i]` indicates that there is an undirected edge between nodes `a_i` and `b_i` in the graph.

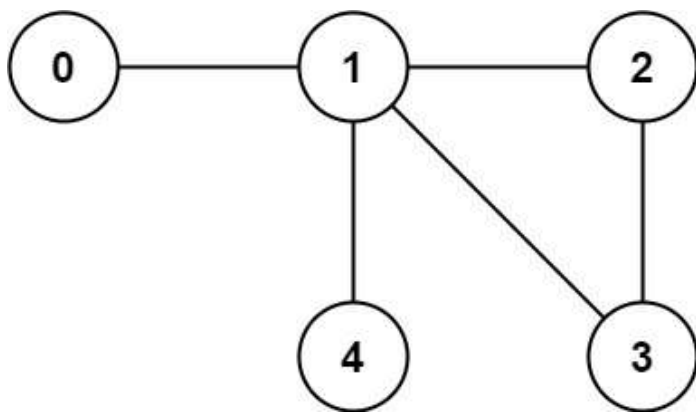Return `true` *if the edges of the given graph make up a valid tree, and* `false` *otherwise.*

**Example 1:**



**Input:** n = 5, edges = [[0,1],[0,2],[0,3],[1,4]]
**Output:** true

**Example 2:**



**Input:** n = 5, edges = [[0,1],[1,2],[2,3],[1,3],[1,4]]
**Output:** false

**Constraints:**

- `1 <= n <= 2000`

- `0 <= edges.length <= 5000`

- `edges[i].length == 2`

- `0 <= a_i, b_i < n`

- `a_i != b_i`

- There are no self-loops or repeated edges.

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Seen this question in a real interview before?    1/5

Yes      No

Accepted   **454.7K**        Submissions   **928.7K**        Acceptance Rate   **49.0%**

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Topics                                                                        ⌄

Companies                                                                     ⌄

Hint 1                                                                        ⌄

Hint 2                                                                        ⌄

Similar Questions                                                             ⌄

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