Given n nodes labeled from 0 to n-1 and a list of undirected edges (each edge is a pair of nodes), write a function to check whether these edges make up a valid tree.

**Example 1:**

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

**Output:** true

**Example 2:**

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

**Output:** false

**Note**: you can assume that no duplicate edges will appear in edges. Since all edges are undirected, [0,1] is the same as [1,0] and thus will not appear together in edges.