

261. Graph Valid Tree

Medium 925 32 Add to List Share

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.

Accepted 120,793 Submissions 290,872

Seen this question in a real interview before?

Yes

No

Contributor



Companies i



Related Topics



Similar Questions



Show Hint 1



Show Hint 2



i {} > < < >

```
1 class Solution(object):
2     def validTree(self, n, edges):
3         """
4             :type n: int
5             :type edges:
6             List[List[int]]
7             :rtype: bool
8         """
```

Console

Contribute i