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Python

Autocomplete

## 1273. Delete Tree Nodes

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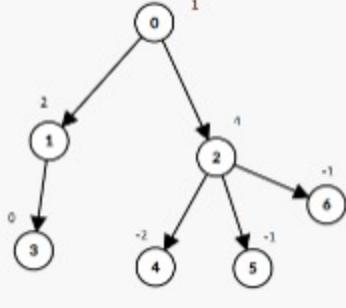
A tree rooted at node 0 is given as follows:

- The number of nodes is `nodes`;
- The value of the  $i$ -th node is `value[i]`;
- The parent of the  $i$ -th node is `parent[i]`.

Remove every subtree whose sum of values of nodes is zero.

After doing so, return the number of nodes remaining in the tree.

Example 1:

Input: `nodes = 7, parent = [-1,0,0,1,2,2,2], value = [1,-2,4,0,-2,-1,-1]`

Output: 2

Constraints:

- $1 \leq \text{nodes} \leq 10^4$
- $-10^5 \leq \text{value}[i] \leq 10^5$
- `parent.length == nodes`
- `parent[0] == -1` which indicates that 0 is the root.

Accepted 4,356 Submissions 6,932

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```

1+ class Solution(object):
2+     def
3+         deleteTreeNodes(self,
4+             nodes, parent, value):
5+             """
6+             :type nodes: List[int]
7+             :type parent: List[int]
8+             :type value: List[int]
9+             """
  
```

Console

Contribute

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