

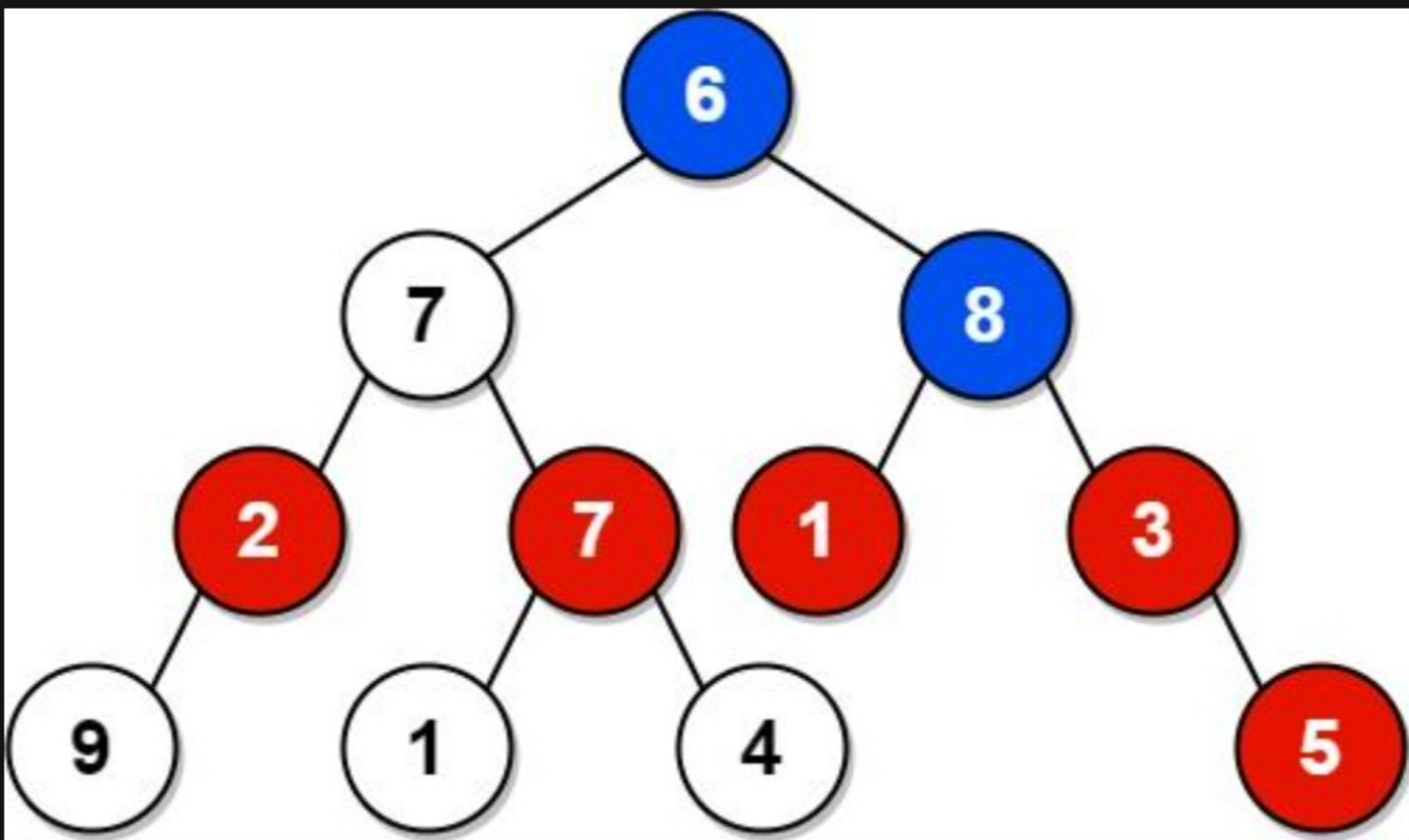
1315. Sum of Nodes with Even-Valued Grandparent

Description

Given the `root` of a binary tree, return *the sum of values of nodes with an even-valued grandparent* . If there are no nodes with an **even-valued grandparent** , return `0` .

A **grandparent** of a node is the parent of its parent if it exists.

Example 1:



Input: `root = [6,7,8,2,7,1,3,9,null,1,4,null,null,null,5]`
Output: `18`
Explanation: The red nodes are the nodes with even-value grandparent while the blue nodes are the even-value grandparents.

Example 2:



Input: `root = [1]`
Output: `0`

Constraints:

- The number of nodes in the tree is in the range `[1, 104]` .
- `1 <= Node.val <= 100`

