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동일한 값을 지닌 가장 긴 경로를 찾아라.
Input: root = [5,4,5,1,1,5]
Output: 2
# Definition for a binary tree node.
# class TreeNode:
#
    def __init__(self, val=0, left=None, right=None):
#
       self.val = val
#
       self.left = left
#
       self.right = right
1.dfs
class Solution:
  result = 0
  def longestUnivaluePath(self, root: TreeNode) -> int:
     def dfs(node, val, count):
       if node == None or node.val != val:
          return count - 1
       return max(dfs(node.left, val, count + 1), dfs(node.right, val, count + 1))
     def findUniPath(node):
       if node == None:
          return
       left = dfs(node.left, node.val, 1)
       right = dfs(node.right, node.val, 1)
       if self.result < left + right:
          self.result = left + right
       findUniPath(node.left)
       findUniPath(node.right)
     findUniPath(root)
     return self.result
class Solution:
  result = 0
  def longestUnivaluePath(self, root: TreeNode) -> int:
     def dfs(node):
       if node == None:
          return 0
       left = dfs(node.left)
       right = dfs(node.right)
       if node.left and node.left.val == node.val:
          left += 1
       else:
          left = 0
       if node.right and node.right.val == node.val:
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right += 1
else:
    right = 0
self.result = max(self.result, left + right)
return max(left, right)

dfs(root)
return self.result
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