1740. Find Distance in a Binary Tree Medium 152 ♀ 9 ○ Add to List □ Share Given the root of a binary tree and two integers p and q, return the **distance** between the nodes of value p and value q in the tree. The **distance** between two nodes is the number of edges on the path from one to the other. Example 1: Example 2: Input: root = [3,5,1,6,2,0,8,null,null,7,4], p = 5, q = 7 Output: 2 **Explanation:** There are 2 edges between 5 and 7: 5-2-7. Example 3: Input: root = [3,5,1,6,2,0,8,null,null,7,4], p = 5, q = 5 Output: 0 **Explanation:** The distance between a node and itself is 0. **Constraints:** The number of nodes in the tree is in the range [1, 10⁴]. • $0 \le Node.val \le 10^9$ All Node.val are unique. p and q are values in the tree. Accepted 6,790 Submissions 9,984 Seen this question in a real interview before? Yes No Companies 🛅 i 0 ~ 6 months 6 months ~ 1 year 1 year ~ 2 years Amazon | 4 | eBay | 2 **Related Topics** Hash Table Tree Depth-First Search Breadth-First Search Binary Tree Hide Hint 1 Get the LCA of p and q. Hide Hint 2 The answer is the sum of distances between p-LCA and q-LCA

☆ Pick One

≡ Problems

⟨ Prev $\cancel{x}/99$ Next \gt Console \checkmark Contribute i