SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the level order traversal of the binary tree with root node value 1, left child 2, and right child 3?

A. [1, 2, 3]
B. [2, 1, 3]
C. [1, 3, 2]
D. [3, 2, 1]

Solution: The level order traversal visits nodes level by level, resulting in [1, 2, 3].

Q2. In a binary tree, if a node has two children, how many nodes are there in the subtree rooted at that node?

A. 1
B. 2
C. 3
D. 4

Solution: If a node has two children, there are 3 nodes in the subtree rooted at that node (the node itself and its two children).

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