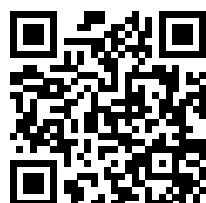




SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. What is the result of a level-order traversal of a binary tree?

- A. Nodes are visited from top to bottom and left to right
- B. Nodes are visited from bottom to top and right to left
- C. Nodes are visited in sorted order
- D. Nodes are visited in reverse order

Solution: Level-order traversal visits nodes level by level, starting from the root and moving from left to right.

Q2. Which algorithm is used to find the height of a binary tree?

- A. Depth-first search
- B. Breadth-first search
- C. Dynamic programming
- D. Greedy algorithm

Solution: Depth-first search (DFS) is commonly used to calculate the height of a binary tree by recursively exploring each branch.



