



# **SoulShift - Educational Q&A Platform**

## **General Questions**

Practice Questions



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**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.*



