Quiz

It's quiz time! Test yourself by solving these questions about binary trees.

1 What is the total number of edges from a particular node to its deepest descendant in a tree?

2 Fill in the blank: A binary tree in which every node has either 0 or 2 children is called _____.

3 The Level Order Traversal is a type of depth-first traversal.

4 What is the output of the following code?

```python
tree = BinaryTree(12)
tree.root.left = Node(32)
tree.root.right = Node(37)
tree.root.left.left = Node(24)
tree.root.left.right = Node(5)
tree.root.right.left = Node(100)
tree.root.right.right = Node(75)

print(tree.print_tree("postorder"))
```

5 What is the time complexity of the depth-first traversals of a tree containing n nodes?

Check Answers