

**Introduction to Basic Data Structures**

# **Module 23.5: Practice Day 02**

**(Leetcode and Coding Ninjas Links)**

**Topics:**

1. Linked List
2. Stack
3. Queue
4. Binary Tree
5. BST
6. Prefix Sum

**Leetcode & Coding Ninjas Links:**

1. [Middle of the Linked List - LeetCode](https://leetcode.com/problems/middle-of-the-linked-list/)
2. [Design Linked List - LeetCode](https://leetcode.com/problems/design-linked-list/)
3. [Implement a Queue - Coding Ninjas](https://www.codingninjas.com/studio/problems/queue-using-array-or-singly-linked-list_2099908)
4. [Reverse Stack Using Recursion - Coding Ninjas](https://www.codingninjas.com/studio/problems/reverse-stack-using-recursion_631875)
5. [Valid Parentheses - LeetCode](https://leetcode.com/problems/valid-parentheses/)
6. [Binary Tree Inorder Traversal - LeetCode](https://leetcode.com/problems/binary-tree-inorder-traversal/)
7. [Maximum Depth of Binary Tree - LeetCode](https://leetcode.com/problems/maximum-depth-of-binary-tree/)
8. [Search in a Binary Search Tree - LeetCode](https://leetcode.com/problems/search-in-a-binary-search-tree/)
9. [Left and Right Sum Differences - LeetCode](https://leetcode.com/problems/left-and-right-sum-differences/)
10. [Find Pivot Index - LeetCode](https://leetcode.com/problems/find-pivot-index/)