

Data Structures In C:

- 1.Introduction to Data Structures.
- 2.Arrays and Linked Lists:
 - Basic Operations
 - Advantages of Arrays
 - Disadvantages Of Arrays
 - Singly Linked Lists
 - Double Linked Lists
 - Circular Linked Lists
- 3.Stacks:
 - Array Implementation
 - Linked List Implementation
 - Problems on Stacks
- 4.Queues:
 - Array Implementation
 - Circular Array Implementation
 - Linked List Implementation
 - Problems on Queues
- 5.Sorting Techniques :
 - Bubble Sort
 - Selection Sort
 - Insertion Sort
 - Merge Sort
 - Quick Sort
 - Shell Sort
- 6.Searching Techniques :
 - Linear Search
 - Binary Search
- 7.Trees
 - Basics of Trees
 - Binary Trees
 - Binary Tree Traversals
 - Operations on Binary Trees
 - Binary Search Trees
 - Operations on Binary Search Trees
 - AVL Trees