

1	Array Insertion, Deletion, Traversal
2a	Array implementaiton of Stack
2b	Evaluation of Postfix Expression
2c	Balanced Parenthesis
2d	infix to Postfix Conversion
3a	Array implementation of Linear Queue
3b	Array implementation of Circular Queue
3c	Array implementation of Priority Queue
3d	Array implementation of Double ended Queue
4a	Linear Linked List Primitive Operation
4b	Searching the Linear Linked
4c	Count of nodes in Linear Linked List
4d	Reverse the Linear Linked List
4e	Polynomial Arithmetic
4f	Circular Linked List Primitive Operation
4g	Doubly Linked List Primitive Operation
5a	Linear Search
5b	Binary Search
6a	Basic Hash functions
6b	Collision resoultion using linear probing
7a	Bubble Sort
7b	Selection Sort
7c	Insertion Sort
7d	Shell Sort
7e	Radix Sort
7f	Quick Sort
7g	Merge Sort
8a	Binary Tree Traversals
8b	Count of nodes in Binary Tree
8c	Expression Tree Creation
9a	Binary Search Tree Insertion
9b	Binary Search Tree Deletion
9c	Binary Search Tree Max, Min
10a	Heap Insetion
10b	Heap Deletion
10c	Heap Sort
11a	Representation of Graph using Adjacency Matrix, Adjacency List
11b	Graph BFS
11c	Graph DFS
11d	MST using Kruskal or Prims Method