1. Recursive and non recursive functions to perform Linear search for a Key value in a given list.
2. Recursive and non recursive functions to perform Binary search for a Key value in a given list.
3. Bubble sort, to sort a given list of integers.
4. Insertion sort, to sort a given list of integers.
5. Selection sort, to sort a given list of integers.
6. Quick sort, to sort a given list of integers.
7. Merge sort, to sort a given list of integers.
8. Radix sort, to sort a given list of integers.
9. Stack operations using arrays.
10. Stack operations to evaluate the postfix expression.
11. Queue operations using arrays.
12. Singly linked list and its operations.
13. Doubly linked list and its operations.
14. Stack operations using Linked List.
15. Queue operations using Linked List
16. Binary tree traversals :inorder, preorder and postorder.
17. 12. Binary Search Tree and its operations.