

1. Inserting and deleting an element from an Array
2. Linear Search
3. Binary Search
4. Ternary Search
5. Interpolation Search
6. Fibonacci Search
7. Selection Sort
8. Bubble Sort
9. Insertion sort
10. Merge sort
11. Substring Extraction
12. Pattern Matching
13. Insertion of String, Deletion of string and Replacement of substring as each functions in a program.
14. Transpose of a sparse matrix
15. Addition of sparse matrix
16. Saddle point
17. Program to add two polynomials using array.
18. Searching an item in linked list.
19. Insertion of a node to a sorted link list.
20. Merge two sorted list into a single sorted list.
21. Deletion from the linked list
22. Program to add two polynomial using linked list.
23. Implement Insertion and Deletion operation for Circular Header List.
24. Searching an item in the Two-way linked list.
25. Deletion and insertion of node in two way list
26. Push and pop in stack using array.
27. Push and pop in stack using linkedlist.

28. Create a Binary search tree and perform traversal(search), insert and delete on the tree.
29. Quick Sort.
30. Program to dequeue and enqueue in queue data structure.