| **Sr. No.** | **Name of Experiment Aims:-** | **Date of Performance** | **Page  No.** | **Grade** | **Sign of Teacher and Date** |
| --- | --- | --- | --- | --- | --- |
| 1. | C Program to Calculate the Factorial of “n” Numbers Using the concept of Recursion. |  |  |  |  |
| 2. | C program to Implement the concept of Stack.Construct a Menu Driven Program to implement Push, Pop and Display Operations on a Stack. |  |  |  |  |
| 3. | C program to Implement the concept of Queue.Construct a Menu Driven Program to implement Push, Pop and Display Operations on a Queue. |  |  |  |  |
| 4. | Write a Menu Driven Program to Sort an Array Using BUBBLE SORT ALGORITHM. |  |  |  |  |
| 5. | Write a Menu Driven Program to Sort an Array Using SELECTION SORT ALGORITHM. |  |  |  |  |
| 6. | Write a Menu Driven Program to Sort an Array Using INSERTION SORT ALGORITHM. |  |  |  |  |
| 7. | Write a C Program to Implement LINKED LIST. Write a Menu Driven Program for Insertion , Deletion and Display the elements in the Linked List. |  |  |  |  |
| 8. | Write a C Program to Implement DOUBLY LINKED LIST. Write a Menu Driven Program for Insertion , Deletion and Display the elements in the Linked List. |  |  |  |  |
| 9. | Write a C Program to Implement CIRCULAR LINKED LIST. Write a Menu Driven Program for Insertion ,Deletion and Display the elements in the Linked List. |  |  |  |  |
| 10. | Implement the Concept of Linear Search Technique  with the help of C Programming Language. |  |  |  |  |
| 11. | Implement the Concept of Binary Search Technique  with the help of C Programming Language. |  |  |  |  |
| 12. | A:- Write a C Program to Construct Binary Search Tree (BST).  B:- I] Write a C Program to Implement the Breadth First Search (BFS) Traversal Algorithm of Graph. ii] Write a C Program to Implement the Depth First Search (DFS) Traversal Algorithm of Graph. |  |  |  |  |