

Sno.	Practicals	Date	Sign
1.	WAP to calculate GCD of two numbers using recursion		
2.	WAP to implement- i) Stack using Arrays ii) Queue using Arrays		
3.	WAP to implement- i) Stack using Linked List ii) Queue using Linked List		
4.	Program to evaluate infix, postfix, prefix expression		
5.	Program to convert infix expression to postfix expression		
6.	Program to implement Circular Linked List		
7.	Program to implement Doubly Linked List		
8.	Program to perform addition and subtraction of two sparse matrices		
9.	Program to perform multiplication of two sparse matrices		
10.	Program to perform polynomial arithmetic (addition, subtraction, multiplication)		
11.	Program to perform- Insertion, deletion, searching of a key and traversal in Binary Search Tree.		
12.	Program to implement Heap Sort		
13.	Program to perform insertion, deletion and traversal in an AVL tree		
14.	Program to implement Shell Sort		
15.	Program to implement Merge Sort		
16.	Program to implement Quick Sort		
17.	Program to implement BFS and DFS		
18.	Program to perform Hashing using different resolution techniques		
19.	Program to implement algorithm for Minimum Spanning Tree		

20.	Program to implement shortest path algorithm		
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PRACTICAL LIST