

S.No.	Title	Signature
1	Write a C++ program using pointers to compute the sum of all elements in an array	
2	Write a C++ program using function that generates and prints first n Fibonacci numbers	
3	Write a C++ program that uses a function to sort an array	
4	Write a C++ program using recursive calls to evaluate $f(x) = x - (x^3)/3! + (x^5)/5! - (x^7)/7! + \dots$	
5	WAP using pointer to read in an array of integer and print its element in an reverse order	
6	WAP using a function to calculate roots of a quadratic equation, function must use two pointers	
7	WAP to search an element using pointer	
8	WAP to take an input and print it using pointer	
9	WAP to find the largest element in an array	
10	WAP to insert an element in an array	
11	WAP to delete an element from an array	
12	WAP of linear search	
13	WAP to sort an array using bubble sort	
14	WAP to search an element using binary search	
15	WAP to create stack using linked list	
16	WAP to create stack using array	
17	Program to transpose a sparse matrix	
18	Program to add two sparse matrices	
19	Program for insertion and deletion in Stack using array	
20	Program to convert infix to postfix expression	
21	Program for Insertion and Deletion in Queue using Array	

22	Program for Tower of Hanoi problem	
23	Program for postfix evaluation	
24	Program to print the contents of a linked list	
25	Program to insert a node between two nodes in a linked list	
26	Program to delete a node in linked list	
27	Polynomial addition using linked list	
28	Program to search element in linked list	
29	Write a C++ program to for inorder traversal in trees	
30	Write a C++ Program for preorder traversal	
31	Write a C++ program for Postorder traversal	
32	Write a C++ program to implement Merge Sort	
33	Write a C++ program to implement Selection Sort	
34	Write a C++ program to implement Quick Sort	
35	Write a C++ program to implement Heap Sort	
36	Program for Breadth First Search in a graph	
37	Program for Depth First Search in a graph	
38	Program to implement Dijkstra's algorithm to find shortest path in a graph	
39	Program to find all pair shortest path in a graph using Warshall's algorithm	