Assignement-1

1. Write a C program to access two dimensional array using pointers.
2. Write a C program to add two matrix using pointers.
3. Write a C program to multiply two matrix using pointers.
4. Write a C program to reverse an array using pointers.
5. Write a program using pointers to compute the sum of all elements stored in an array.
6. Write a program to add two integers using pointers and functions.
7. Write a program to print the position of the smallest number of n numbers using arrays.
8. Write a program to index of the second largest of n numbers using an array.
9. Write a program to index whether the array of integers contains a duplicate number.
10. Write a program to insert a number at a given location in an array.
11. Write a program to delete a number from a given location in an array.
12. Write a program to merge two unsorted arrays.
13. Write a program to merge two sorted arrays.
14. Write a program to interchange the largest and the smallest number in an array using function.
15. In a small company there are five salesmen. Each salesman is supposed to sell three products. Write a program using a 2D array to print (i) the total sales by each salesman and (ii) total sales of each item.
16. Write a program to read a 2D array marks which stores the marks of five students in three subjects. Write a program to display the highest marks in each subject.
17. Write a program to read and display the use of a pointer to a three-dimensional array.
18. Program to perform binary search.
19. Write a program to Arrange the list of numbers in ascending order using Bubble Sort.
20. Write a program to Arrange the list of numbers in ascending order using Insertion Sort.
21. Write a program to Arrange the list of numbers in ascending order using Selection Sort