**ASSIGNMENT NO 4**

1. Write a C program to calculate the difference of the elements stored in an array.

2. Write a C program to search element in an array by linear search method.

3. Write a C program to search element in an array by binary search method.

4. Write a C program to sort element of an array by bubble sort method.

5. Write a C program that takes 2D arrays as input from user substrate them and find the result.

6. Write a C program that takes 2D arrays as input from user multiply them and find the result.

7. Write a C program to find Inverse of the given matrix.

8. Write a C program to find out transpose of given matrix.

9. Write a C program to find multiplication of two matrix .

10.Write difference between one and two dimensional array.