**Array: All the programs to be done by writing it in the function.**

1. Accept array elements of 5 integers and find sum of array elements and display it.

2. Accept an array of 5 elements and create its reverse in same array and then print the array.

3. Accept an array from user in main and each array element is multiplied by 5.Display entire array using function.

4. Accept two arrays with 10 elements each and add them and store it in third array and print the third array.Write a function add to do the addition of array elements.

5.Write a Program to read 5 numbers in the array and find out sum and average of those numbers.

6.Write a Program to read 5 numbers in the array and find out max between them.

7. Write a menu driven program to read 5 array elements & then find out

A )how many of them are +ve

b) how many of them are -ve

c) how many of them are even

d) how many of them are odd

8.Write a Program to read 5 numbers in array and a number & find out no of occurrences of that number in the array.

9. Accept an array of 10 elements and accept a number from user search a number in an array and print at which location number is found.if not present in an array then print not found. Write a function search to search the element in the array.

**String:**

1.Write a Program to read a string and find out the length of that string by writing User defined function

Int myStrlen(int);

2. Write a program to read a string and find out the n number of vowels in that string.

3.Write a program to read a string and reverse the string.

4.Writa a Program to read a string and count the number of upper case & lower case letter in that string.

5. Write a Menu driven program to do

1.String copy

2.String Concat

3.String compare

4.String reverse

5.Convert to Upper case

6.Convert to Lower case