Assignment No 6

Q.1 Write a program in C to show the basic declaration of pointer.

Q.2 Write a program in C to demonstrate how to handle the pointers in the program.

Q.3 Write a program in C to demonstrate the use of &(address of) and *(value at address) operator.

Q.4 Write a program in C to add two numbers using pointers.

Q.5 Write a program in C to add numbers using call by reference.

Q.6 Write a program in C to find the maximum number between two numbers using a pointer.

Q.7 Write a program in C to store n elements in an array and print the elements using pointer.

Q.8 Write a program in C to print all permutations of a given string using pointers.

Q.9 Write a program in C to find the largest element using Dynamic Memory Allocation.

Q.10 Write a program in C to Calculate the length of the string using a pointer.

Q.11 Write a program in C to swap elements using call by reference.

Q.12 Write a program in C to find the factorial of a given number using pointers.

Q.13 Write a program in C to count the number of vowels and consonants in a string using a pointer.

Q.14 Write a program in C to sort an array using Pointer.

Q.15 Write a program in C to show how a function returning pointer.

Q.16 Write a program in C to compute the sum of all elements in an array using pointers.

Q.17 Write a program in C to print the elements of an array in reverse order.

Q.18 Write a program in C to show the usage of pointer to structure.

Q.19 Write a program in C to show a pointer to union.

Q.20 Write a program in C to show a pointer to an array which contents are pointer to structure.

Q.21 Write a program in C to print all the alphabets using a pointer.

Q.22 Write a program in C to print a string in reverse using a pointer.