**Assignment 7b: Function (Call by reference)**

1. Write a C program to display your name using function.
2. Write a C program to find diameter, circumference and area of circle using functions.
3. Write a C program to check whether a number is even or odd using functions.
4. Write a C program to check whether a number is prime or not using function.
5. Write a C program to check whether a number is Armstrong or not using function.
6. Write a C program to check whether a number is perfect number or not using function.
7. Write a C program to calculate the factorial of a number using function.

**Home work:**

1. Write a C program to check whether a number is palindrome or not using function.
2. Write a C program to swap two numbers using function.
3. Write a C program to find the sum of digits of a number using function.