**SUBJECT - OOP USING C++**

**PRACTICE ASSIGNMENT – 3**

**(USING USER DEFINED FUCNTION)**

1. C++ Program to Display Prime Numbers Between Two Intervals Using Functions
2. C++ Program to Check Whether a Number can be Express as Sum of Two Prime Numbers
3. C++ program to Find Sum of Natural Numbers using Recursion
4. C++ program to Calculate Factorial of a Number Using Recursion
5. C++ Program to Find G.C.D Using Recursion
6. C++ Program to Convert Binary Number to Decimal and vice-versa
7. C++ Program to Calculate Power Using Recursion.
8. Write a C++ program to Find Area and Perimeter of a Square & Rectangle.
9. Write a C++ program to Find Area and circumference of a Circle.
10. Write a C++ program to Convert Fahrenheit to Centigrade
11. Write a C++ program to Convert Centigrade to Fahrenheit
12. Write a C++ program to Find Fibonacci series using recursion function
13. Write a C++ program to swap two numbers using call-by-value method.
14. Write a C++ program to swap two numbers using call-by-reference method.
15. Write a C++ program to calculate the area of triangle, rectangle and circle using function overloading. The program should be menu driven.
16. Write a C++ program using class to find the greater one of two integer numbers using Inline function, conditional operator and default argument.
17. Write a C++ program to find the sum of digits of a number using recursive function.