Lab 1: Input, Output Statements, Variables

Program 1: Write a C program for calculation of Simple Interest.

Program 2: Write a C program for calculation of average of physics, chemistry, math, English.

Lab 2: Data types & Operators-I

Program 1: Write a C program to implement NOT gate.

Program 2: Write a C program to implement NAND gate.

Lab 3: Data types & Operators-II

Program 1: Write a C program to find the given year is leap year or not

Program 2: Write a C program to find greatest between three numbers with the help of logical operator(&&)

Lab 4: Control Statements (Branching, Looping)

Program 1: Write a C program to print the sum of the series:

-1+2-3+4-5+…………………………………………… n terms

Program 2: Write a C program to find whether a given number is prime or not.

Program 3: Write a C program to print the sum of the following pattern:

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

Lab 5: Arrays

Program 1: Write a C program to Input and Print the elements of an array.

Program 2: Write a C program to multiply two 2D array of elements.

Lab 6: Arrays with Pointers

Program 1: Write a C program to Input and Print the elements of an array using pointers

Lab 7: Strings

Program 1: Write a C Program to Concatenate two strings using strcat() function .

Program 2: Write a C Program to Compare two strings using strcmp() function .

Lab 8: Functions

Program 1: Write a C Program to calculate factorial of given number using function.

Program 2: Write a C Program to print Fibonacci series using recursive function.

Lab 9 : Arrays and Functions

Program 1: Write a C program to sort array by passing an array to function.

Lab 10: Input, Output in Python

Program 1: Write a program for calculation of Simple Interest using python.

Program 2: Write a program to print reverse of a number using python.