University of Engineering & Management, Kolkata

PROGRAMMING LAB

Subject Code – BCA191

SESSION- 2018 ODD SEM

ASSIGNMENT – I

Objective – C language: Basic declaration and expression

Date of Assignment - 26.07.2018

DATE of Submission - 02.08.2018

1.1 Write a C program to print your name, date of birth and mobile number.

1.2 Write a C program to print the following characters in a reverse way. Input: ABC, Output: CBA

1.3 Write a C program that accepts two integers from the user and calculate the sum and product of the two integers.

1.4 Write a C program to compute the perimeter and area of a rectangle with a height of 7 inches and width of 5 inches.

1.5 Write a C program to compute the perimeter and area of a circle with a radius of 6 inches.

1.6 Write a C Program to accept any character from user and display its ASCII number on screen.

1.7 Write a C Program to input any Capital letter and display it with small letter.

1.8 Write a C Program to input any Small letter and display it with capital letter.

1.9 Write a C Program to input three digits number from user and calculate sum of first and last digits.

1.10 Write a C Program to input two digits number from user and display the number in reverse order.

1.11 Write a C program that accepts three integers and find the maximum of three.

1.12 Write a C Program to interchange values of two numbers using third variable.

1.13 Write a C Program to interchange values of two numbers without using third variable.

1.14 Write a C Program to convert temperature in Celsius scale into Fahrenheit scale.

1.15 Write a C Program to check whether a number is even or odd.

1.16 Write a C program that accepts two item's weight (floating point values) and number of purchase (floating point values) and calculate the average value of the items.

1.17 Write a C program that accepts an employee's ID, total worked hours of a month and the amount he received per hour. Print the employee's ID and salary (with two decimal places) of a particular month.

1.18 Write a C Program to check whether a given year is leap year or not.

1.19 Write a C program to convert specified days into years, weeks and days.

1.20 Write a C program to calculate the distance between the two points.