

CSE4102: Introduction to Computer Applications and Programming

LAB-02

Instructions:

- You are not allowed to use any syntax or functions not covered in the class till date.
- **Do not copy** code from online or another student.
- You have to solve the problems during the sessional class.

Programming Problem-1:

Write a C Program to divides Two Floating-Point Numbers and displays number up to 2 decimal point.

Programming Problem-2:

Write a C Program to convert a given number of days into months and days.

Programming Problem-3: Distance between the takeoff and landing points of an aircraft

Write a C program to calculate the distance between the takeoff and landing points of an aircraft on a 2D plane. This program prompts the user to enter the coordinates of both points, computes the distance using the Euclidean distance formula, and then displays the result.

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$