

# CL1002 – Programming Fundamentals Lab

## Exercise # 01

### Note:

- Submit a pdf/word file containing all of your C code with all possible screenshots of every task outputs on Google Classroom.
- Please submit your file in this format (roll-no-name) i.e (22P-8743-Zain.pdf).

### Problem: 1

Write a C program to print your name, roll no and section in separate lines.

### Problem: 2

Write a program that prints the following patterns using printf statement.

1	2	3	4
***** ***** ***** ***** *****	* ** *** **** *****	* ** *** **** *****	* *** ***** *** *

### **Problem: 3**

Write a program that calculates the area of a rectangle and print the result on screen.

The formula to calculate the Area is given below.

$$A = w * l$$

### **Problem: 4**

Write a program that takes the length, width and height of a parallelepiped and finds its volume. The formula to calculate the volume is given below.

$$\text{Volume} = \text{length} * \text{width} * \text{height}$$