



COURSE: (CL-1004) OBJECT ORIENTED PROGRAMMING LAB

LAB TASK # 4

WEIGHTAGE: 2

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**NOTE:**

Only submit .cpp file of each question in a folder. Anyone who submits any other format file will get straight **ZERO**. Each question should have a separate .cpp file. Copy Paste or other UFM will also get **ZERO**. Use the following format for naming the folder Roll#\_Name (P18-1234\_NAME).

**Q No.01:** Write a C++ program that will display \* in the following pattern.

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**Q No.02:** Write a C++ program that will display numbers in the following pattern.

1 2 3 4 5

1 2 3 4

1 2 3

1 2

1

**Q No.03:** Make a calculator using if-else-if else statement which perform addition, subtraction, multiplication, division and remainder operations. Take values and operator from user on runtime. Use while loop for user choice. Means after performing one operation program will ask from user “do you want to do another calculation(yes/no)?”. If user press **yes** then user will enter number 1, number 2 and operator for calculation and if user press **no** then terminate the loop.

**Q No.04:** Make a calculator using if-else-if else statement which perform addition, subtraction, multiplication, division and remainder operations. Take values and operator from user on runtime. Use do while loop for user choice. Means after performing one operation program will ask from user “do you want to do another calculation(yes/no)?”. If user press **yes** then user will enter number 1, number 2 and operator for calculation and if user press **no** then terminate the loop.