



# National University

of Computer & Emerging Sciences Peshawar Campus

COURSE: (CL217) OBJECT ORIENTED PROGRAMMING LAB

LAB TASK #1

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).

**Q1.** Write a program and declare 3 integer variables and initialize them with random values. Create a function **Sum** which takes as parameter ;references of three integers (The parameters are Pointers). The functions calculate sum of two integers and save the result in the third parameter. Call the function from main and pass the declared integers to the function. After the function call print the integer containing the result in main function.

**Q2.** Write a program and declare a character array of size 5. Create a function **input** which has a pointer as parameter of type char. Pass the array to the function input. The char pointer in the **input** function iterates through all elements of the array using pointer arithmetic and ask user for the input. Write an other function **print** which also has a pointer as parameter of type char. Pass the array to the **print** function and print the character array in reverse order using pointer arithmetic.

**Good Luck :)**