



COURSE: (CL-1004) OBJECT ORIENTED PROGRAMMING LAB  
LAB TASK # 07

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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.1:**

Define a class clockType to implement the time of day in a program. We implemented the operations to print the time, increment the time, and compare the two times for equality using functions. It will overload the stream insertion and extraction operators for easy input and output, relational operators for comparisons, and the increment operator to increment the time by one second. The program that uses the class clockType requires the user to input the time in the form hr:min:sec. Write a program to test this class.

**Q No.2:**

Write a program to show the overloading of comparison and arithmetic and unary operators and also test your program.

**Note:** For user understanding purposes you should write comment with each line of code.