



COURSE: (CL-1004) OBJECT ORIENTED PROGRAMMING LAB  
LAB TASK # 09

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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:** Consider the following task from previous labs and reimplement them using the concept of **const member function, const member function argument, and const object**.

- a) TollBooth class – Lab 06 Question No. 1
- b) Serial Number – Lab 08 Question No. 1

**Q No.2:** Consider **Time class – Lab 07 Question No. 02** and modify the time class so that instead of a function `add_time()` it uses the overloaded `+` operator to add two times. Write a program to test this class.

**Q No.3:** Augment the **Time class – Lab 07 Question No. 02** to include overloaded increment (`++`) and decrement (`--`) operators that operate in both prefix and postfix notation and return values. Add statements to `main()` to test these operators.

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