



CL-217 OBJECT ORIENTED PROGRAMMING LAB

LAB TASK 6

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**Q1.** Write a class `clockType` which will have all the properties of a **clock** i-e can store hour, minutes, and seconds. Implement all the basic functions that are required to make the class functional ( **do what makes sense**) and also implement a copy constructor. Overload the following operators for the class:

1. `==` (for comparing time of two `clockType` objects)
2. `=` (assigning time of one object to another)
3. `<<` (for `cout`)

Write a test program to test all functionalities of your class.

**Q2.** Write a class **Number**. An object of class `Number` can only store integers from 1 - 100. Complete the class by adding required data members and member functions. Overload the following operators for the class:

1. `>` (check whether one object is greater than other or not)
2. `<` (check whether one object is lesser than other or not)
3. `==` (check whether one object is equal to other or not)
4. `!=` (check whether one object is not equal to other or not)
5. `=` (assign one number to another)