***Python Programming***

***Lab Exercise –16 (OOP - 2)***

Write all questions in Lab record

1. Create a class Time with private attributes hour, minute and second. Overload ‘+’ operator to find sum of 2 time.
2. Create class Time (Hour, Min, Sec). Compare two time objects in 24-hour clock and return the earliest time.
3. Create classes Person (name, roll) and Marks (Maths, Computer). Create class Student from Person and Marks. Display student details and percentage.
4. Create class Rectangle (length,breadth). Derive class Cuboid (height) from Rectangle. Compare 2 Cuboid based on volume by overloading ‘<=’ operator.
5. Create a class Publisher (name). Derive class Book (title, author) from Publisher. Derive class Python (price, no\_of\_pages) from Book. Write a program that displays information about a Python book. Use base class constructor invocation and method overriding.