1. Write a class called Time, which models a specific instance of time with hour, minute and second values, as shown in the class diagram.

The class Time contains the following members:

1. Three private data members: hour (0-23), minute (0-59) and second (0-59), with default values of 0.
2. A public constructor Time(), which initializes the data members hour, minute and second with the values provided by the caller.
3. public getters and setters for private data members: getHour(), getMinute(), getSecond(), setHour(), setMinute(), and setSecond().
4. A public member function setTime() to set the values of hour, minute and second given by the caller.
5. A public member function print() to print this Time instance in the format "hh:mm:ss", zero-filled, e.g., 01:30:04.
6. A public member function nextSecond(), which increase this instance by one second. nextSecond() of 23:59:59 shall be 00:00:00.

