

# **Timers and Counters Assignment**

1. Write a program to blink LED through PWM ( ON\_Time =0.6s & OFF\_Time = 0.4s)
2. Write a Program to generate a Timer Interrupt after 2 Mins. Turn ON the LED in the ISR.
3. Write a Program to Set the RTC time and Date. Print the Date and Time on Serial Monitor every 30 seconds.
4. Write a program to blink LED through PWM (40 % Duty Cycle).
5. Write a program to Dim the LED (0 to 100 & 100 to 0 Duty Cycle) using PWM.