Assignment 2 : 5 Marks (To be done individually- Not group assignment)

Plagiarized submissions will not be awarded '0' Marks

- Develop an RTOS system for implementation of EDF/LLF scheduling for the 3 tasks.
- The tasks are periodic tasks with parameters (release time (phase), relative deadline and execution time).

  To demonstrate the operation, the following task set can be utilized

Tasks	Period	CPU Burst	Release Time
T1	3	1	0
T2	10	3	1
T3	15	4	3

- The list of students who are expected to implement EDF/LLF is already made available on course website under Assignment II SECTION.
- Deadline – 5th April 2019, 11.59pm
- Whole Project folder (Keil) has to be submitted for evaluation.
- Also include a brief document in the project folder which described your design briefly (structure of TCB, timers used-their function, interrupts used- their function, How is task switching triggered, No of queues etc)
- It is advised to have the application code (.c file) and another file (.c) which includes all the OS related interrupt handlers and scheduling services.
- You can assume that the HSI clock is used as processor clock and hence the PLL configuration need not be done.