

Homework 5
Advance Embedded System Design
Spring 2019

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Include in your report:

- 1) A link to your project's git repo.
- 2) A scope shot of the LED pin switching at the required frequency.
- 3) Screenshots of UART terminal on HOST machine showing log output of both tasks
- 4) (BONUS) If attempting, Screenshot of UART terminal showing alert.

Submit the report to Canvas and your complete CCS Workspace/Project and code to your git repo.

Github Link:

<https://github.com/yasiraslamshah/Advance-Embedded-System-Development>

Screenshot of UART Terminal on HOST Machine showing Output

```
Author: Yasir[Timestamp:1802 milliseconds]
Trigger count = 17
led thread

Author: Yasir[Timestamp:1902 milliseconds]
Trigger count = 18
led thread

Author: Yasir[Timestamp:2000 milliseconds]
Data value = 23C
Temperature Task

Author: Yasir[Timestamp:2002 milliseconds]
Trigger count = 19
led thread
```

4) (BONUS) If attempting, Screenshot of UART terminal showing alert.:

```
Author: Yasir[Timestamp:2902 milliseconds]
Trigger count = 28
led thread

Author: Yasir[Timestamp: 3000 milliseconds]
ALERT TASK:alert task triggered

Author: Yasir[Timestamp:3001 milliseconds]
Data value = 30C
Temperature Task
```