5-1 Milestone Three Submission

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**GPIO Timer-Interrupter Questions**

**After working through this process, you will need to address the following questions:**

1. **What is the purpose of the timerCallback() function?**

The timerCallback() method purpose is used to call back either Timer\_CONTINUOUS\_CALLBACK method OR Timer\_ONESHOT\_CALLBACK method.

1. **What does period mean in this context?**

Period means interruption within a time interval given prior to this context.

1. **How does the Timer\_CONTINUOUS\_CALLBACK parameter impact the driver?**

The driver is impacted when the Timer\_CONTINUOUS\_CALLBACK(parameter/argument) is not blocking the callback once after the timer begins, it’ll begin to execute simultaneously. Where the timer interrupt is generated, then the method will be called, and the timer will activate once to begin the resetting process as Timer\_STOP().

1. **What is gpioButtonFxn0() used for?**

gpioButtonFxn0() method is executed for the CONFIG\_GPIO\_BUTTON\_1 provided from the GPIO interrupt.

**What is the purpose of GPIO\_CFG\_IN\_INT\_FALLING?**

The GPIO\_CFG\_IN\_INT\_FALLING ideal purpose is to interrupt from the falling edge where it’s better known to be called as a “hide initializer”.