CS-350 Emerging Sys Arch & Tech – Milestone Three

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MILESTONE THREE QUESTIONS 3

What is the purpose of the timerCallback() function? 3

What does period mean in this context? 3

How does the Timer_CONTINUOUS_CALLBACK parameter impact the driver? 3

What is gpioButtonFxn0() used for? 3

What is the purpose of GPIO_CFG_IN_INT_FALLING? 3

Milestone Three Questions

What is the purpose of the timerCallback() function?

The purpose of the callback function is to handle timer related actions. These are things that you want to have happen at a predetermined interval that is set by the timer.

What does period mean in this context?

In the context of a timer on an embedded system, the period refers to the delay between the timer callback being invoked.

How does the Timer_CONTINUOUS_CALLBACK parameter impact the driver?

The effect of using this parameter is that the timer loops forever as opposed to just running once.

What is gpioButtonFxn0() used for?

This button is used to toggle LED_0 on and off.

What is the purpose of GPIO_CFG_IN_INT_FALLING?

It sets the button to trigger Interrupt on falling edge.