CS 350 Module 5 Milestone 3

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CS 350

06/05/2024

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

The purpose of the timerCallback() function is to have the function repeatedly called at a specified interval of time. In our application it is 500000us. Every 500000us the function repeats.

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

Period is the time of how long a function runs until the function ceases functionality. In this application it is 500000us, so the function runs for this long.

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

This tells the driver to continuously call the callback function that is created, allowing for infinite repeat within this application.

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

This button is to allow the program to have an action when the designated button is pressed.

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

This configures the GPIO pin as an input that has an interrupt triggered on a falling edge.