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

The timerCallback function can be used for any task that needs to be done once the timer has expired. This function is called every time the timer expires, which may be only once or many times depending on the timer configuration (in this case many times due to the Timer\_CONTINUOUS\_CALLBACK parameter).

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

Effectively, the period is the timer duration. Since the timer is configured to continuous and the period is set to 1 second, the timer will call the timer callback function every 1 second.

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

The Timer\_CONTINUOUS\_CALLBACK will set the timer to a periodic timer. The timer is automatically

restarted and will continue to periodically generate interrupts until Timer\_stop() is called.

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

This is the function that is called when the associated button is pressed. In this example, the button will toggle the LED\_0 light on the microcontroller.

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

This parameter sets the button to interrupt and call the callback function on the falling edge of the button press. So, pushing the button down will not cause an interrupt, but letting go afterwards will cause the interrupt to trigger.