Milestone 4

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

The purpose of the timerCallback() function is to execute any code within its block when the program interrupts itself based on the timer period.

* What does period mean in this context?

In the context of this assignment, the period of the timer is how often the state machine is called. This duration is equal to the shortest interval in the morse code message.

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

This parameter allows the driver to automatically call the specified callback function when it is interrupted. This specific parameter also restarts the timer after every interrupt.

* What is gpioButtonFxn0() used for?

This function holds the code block for the interrupt caused by pressing GPIO button 0. In my project, I used it to raise a flag for indicating that the button was pressed.

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

The button press of GPIO button 0 or 1 interrupts the driver on the falling edge of the signal input.