**2-2 Milestone Submission**

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* **What does pwmled2 set the PWM period to?**

Pwnled2 sets the period to 3000 microseconds, however, this period would not produce an LED. I ended up setting the period to 50000 microseconds to get a result I was satisfied with for recording a video.

* **Which PWM\_xxx() function sets the PWM period?**

You could use “PWM\_setPeriod(PWM\_Handle handle, uint32\_t period)” to set the PWM period; however, pwmled2 uses “PWM\_Params\_init(&params)” to set the period amongst other values.

* **Which PWM\_xxx() function sets the PWM duty cycle?**

You could use “PWM\_setDuty(PWM\_Handle handle, uint32\_t duty)” to set the PWM duty cycle; however, pwmled2 uses “PWM\_Params\_init(&params)” to set the duty cycle amongst other values. Then PWM\_setDuty is used to adjust the duty cycle which enables the LEDs to change light intensity over the given period.

* **What is the purpose of the while(1) loop in pwmled2?**

The purpose of the while(1) loop in pwmled2 is to repeat the cycle of setting the light intensity (duty) of both yellow and green LEDs, delaying one seconds, changing both intensities, then delaying another second. The repetition of this cycle over the given PWM period enables the LEDs to blink.

* **What is the purpose of usleep() in the while(1) loop?**

The purpose of usleep() in the while(1) loop is to present a delay of execution between duty cycle adjustments for 1 second to help the user discern said adjustments.