Jamie Javis

03/07/2023

CS-350

Milestone One

1. What does pwmled2 set the PWM period to?

The PWM period is set to 1 second or 1000000 microseconds.

2. Which PWM\_xxx() function sets the PWM period?

The PWM\_setPeriod() function sets the PWM period.

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

The PWM\_setDuty() function sets the PWM duty cycle.

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

The while(1) loop is a loop that adjusts the PWM duty cycle for two PWM channels and continues until terminated or an error were to occur.

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

The usleep() function in the loop adds a 1 second delay in the rate of change in the PWM duty cycle.