**Level 2: Traffic Light**

1. Implement the lesson titled “Traffic Light”.
2. Research the C language “if” statement. Think about how to use it to select the different actions for different traffic lights.

You can make different statements that can only work with some LEDs. For example, there can be different if statements for LEDs for red, yellow and green that can select a code.

1. Modify the program to replace the three blocks of code (green, yellow, red light) with a single “for” loop.
   1. Use an “if” statement to create a special case for the yellow light.
   2. Implement the countdown timer for the yellow light as a “nested” loop.