

Lab Worksheet #4

CA5305 (Internet of Things)

October 2021 – January 2022

Instructor: Dr. M. Deivamani

Due: Tuesday, December 07, 2021(11:59pm)

Task 1: Replace all delay times and pin numbers with variables in the previous first task and demonstrate.

Task 2: Create a program that resets the delayTime to 2000 once it has reached 0

Task 3: Modify your traffic light code so that each time a new LED is illuminated the console displays the status of the stoplight

Advanced Green

Green

Yellow

Red

Advanced Green

...

Task 4: Create a program that illuminates the green LED if the counter is less than 100, illuminates the yellow LED if the counter is between 101 and 200 and illuminates the red LED if the counter is greater than 200.