

Lab 5 Report

In this lab, we were introduced to new parts. We had to use timers in our state machines as well as learn how to use the LCD display. The lab was pretty straightforward for the most part. Some of the challenges we faced was getting the timer software to work. We didn't properly write all the timer functions we needed and that caused errors when we compiled the code. We also had errors in our wiring of the LCD display. We accidentally mixed up some of the wires and this caused a short circuit in our circuit. Once we fixed this, the LCD display was lighted and we were able to complete the lab. The state machines were pretty simple for the most part. In this lab, Abraham did the code for all the exercises and Rogelio did the wiring of the breadboard. The lab overall was a success and we finished it in the allotted time.