Lab 9 Report

 In this lab, we were introduced to concurrent state machines. In this lab, we had to light up three LED's while blinking another one. We then had to change this so that the first three blink in order while the last one blinks on its own. Lastly we had to light LED's up based on what button the user pressed. This part was very similar to what we've done in the past, but we had to check how long the user pressed the button and adjust the decrementing and incrementing speed. In this lab, the first two parts were very straightforward. The last part was a bit challenging as we had trouble understanding how to code it in two state machines. Once we realized we need one for the button pushed and one for taking care of LED outputs, the lab was pretty straightforward. In this lab, we Abraham did the coding and Rogelio did the wiring.