

Difficulties

For the most part, the lab went really well. I do not believe that my implementation would work if you went and plugged it in, but I think most of the features are implemented correctly. The only thing that really tripped me up while doing this lab is how we actually set the X and Y_Axis values for the servo. The only thing that I can think of is that we have to use a DAC in order to modify the ADC value read in by our ADC. There is no mention of a DAC anywhere in the lab or lecture so I was thoroughly confused as to how we actually get the servo to move. Other than that though, I do believe everything else should function correctly. I believe the degree value would show up on the segment correctly as well as the modes and axis that is currently moving. I wish we would have been able to do this lab in person so I would have been able to test it, but it was still a good refresher of everything we had learned throughout the semester. Overall, the lab was good, but I think I don't think my program would move the servo.