

Prelab:

Demo: <https://youtu.be/8azhSV2TS4Y>

Ex1:

Code:

https://github.com/DevoIrix/CS120B_Lab5/blob/5cdefe32c09e8ca7823a2517c66aaaf406d87031/jchan443_lab5_part1.cpp

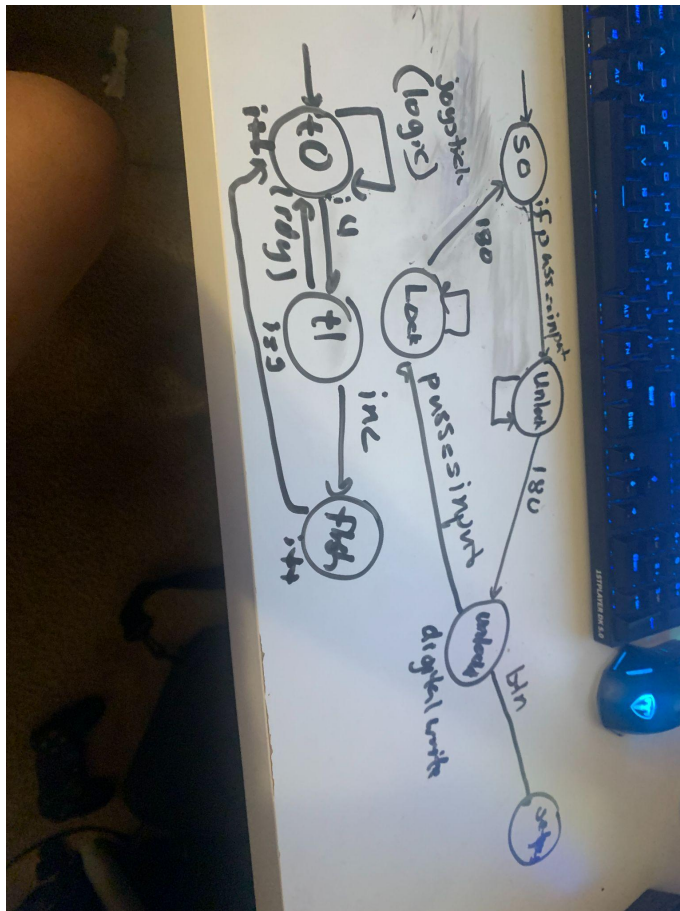
Demo: <https://youtu.be/AAPnwPph238>

Ex2:

Code: https://github.com/DevoTrix/CS120B_Lab5/blob/5cdefe32c09e8ca7823a2517c66aaaf406d87031/jchan443_lab5_part2.cpp

Demo: https://youtu.be/6jsTDmCT1_g

NOTE: EX2: doesnt function.. To me it logically should work, but somewhere it got messed up and I cant find where.the LEDS on when unlocked, messes with the led turning on when joystick is turned so thats why thats a bit finicky.



Rough SM logic i did. Did some more refining when coding, but probably where I messed up.