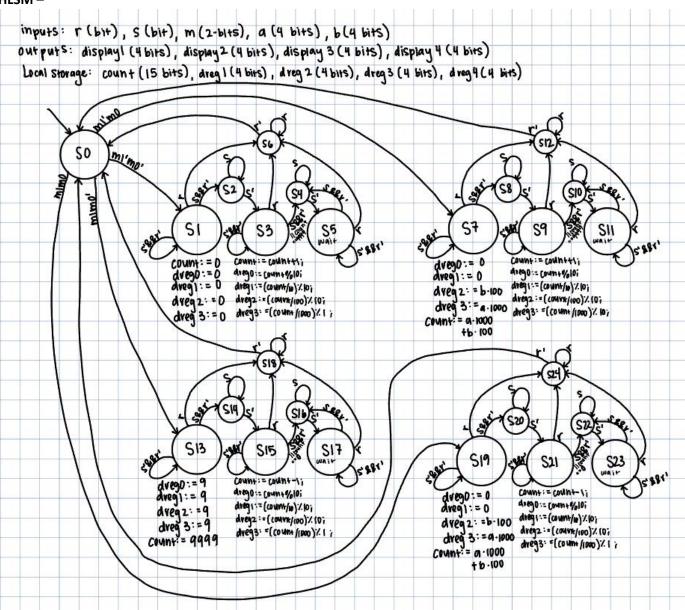
Lab 6 Report

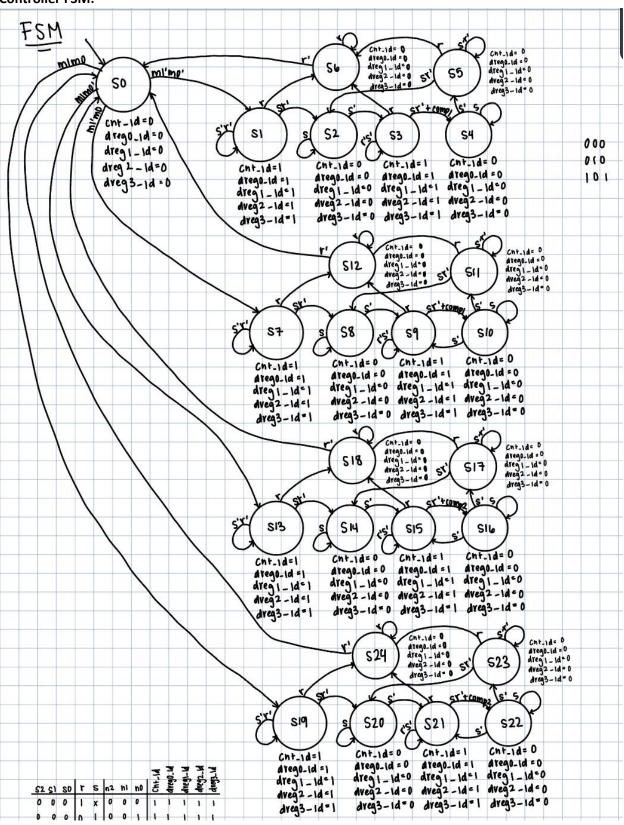
Name: Devin Chaky UTEID: dmc4627 Section: 17015

Name: Manasvi Perisetty UTEID: mp49564 Section: 17015

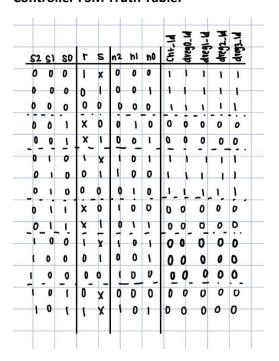
HLSM -



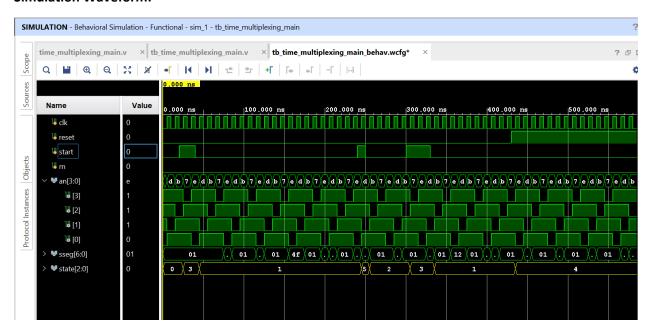
Controller FSM:



Controller FSM Truth Table:



Simulation Waveform:



Datapath:

