Lap Timer Project

#timer.cpp

1. μS timer
2. mS timer

#lcd.cpp

1. Copy lab 3 code
2. Display “Fastest run:”

“######s”

#lidar.cpp

1. Initialize laser
2. Set up interrupt

#main.cpp

1. Use state machine to run through wait\_to\_start, passing\_start, wait\_to\_finish, passing\_finish
2. Interrupt from switch to reset the system
3. Interrupt from laser