CSE 530 ASSIGNMENT 2 README

Connections

Device 1 pins

Echo: IO2

Trigger: IO3

Device 2 pins

Echo: IO1

Trigger: IO4

PART 1

1. Run make on terminal
2. Insmod HCSR\_driver.ko
3. Run ./main

Main has following tests

Device 1 is set in periodic mode (frequency = 16) and Device 2 is set in one shot mode.

We first write 1 to device 1 and call read 25 times, the values can be seen on the screen.

We then write 1 to stop device 1 continuous mode and start writing to device 2 to trigger it in one shot mode, prints can be seen on the screen

PART 2

1. Sudo Chmod +x script
2. Run the script file script.sh to set and observe the sysfs functionality.
3. Run main