

1. What did you plan to do last week?

- Startup the raspberry pi successfully
- Do a wired connection to the Raspberry Pi via USB using SSH
- Set up a standard wireless connection on Raspberry Pi
- Perform the initial setup once connected to the internet
- Install Berryconda onto the Raspberry Pi
- Install Open CV on the Raspberry Pi
- Clone the GitHub repo onto the Raspberry Pi, then run the test.py in order to print to the terminal
- Setup data transfer between my PC and the Raspberry Pi
 - TCP/IP
 - MQTT
- Discuss the current project ideas and choose one from the list

2. What did you end up doing last week?

- I started up the Raspberry Pi successfully and then set up everything from the tutorial.
- I was able to finish both the tutorials for Week 1 and 2, which will give me a head start heading into week 2, so I can start working on the project a little bit.
- I was able to output to the terminal after running test.py as shown below

```

pi@pi: ~/180DA-WarmUp
jpeg:          9b-0
libgfortran:   3.0.0-1
libpng:        1.6.28-0
libtiff:       4.0.6-0
libwebp:       0.5.2-hcb3eeb6_7
numpy:         1.14.0-py36hebd9de5_0
openblas:     0.2.19-0
opencv:       3.3.0-py36hcfffc66_0
x264:         20131217-hc5d671e_0

The following packages will be UPDATED:

conda:         4.3.22-py36_0          --> 4.5.9-py36_0
conda-env:     2.6.0-0              --> 2.6.0-1
pycosat:       0.6.1-py36_0          --> 0.6.3-py36h04713b3_0

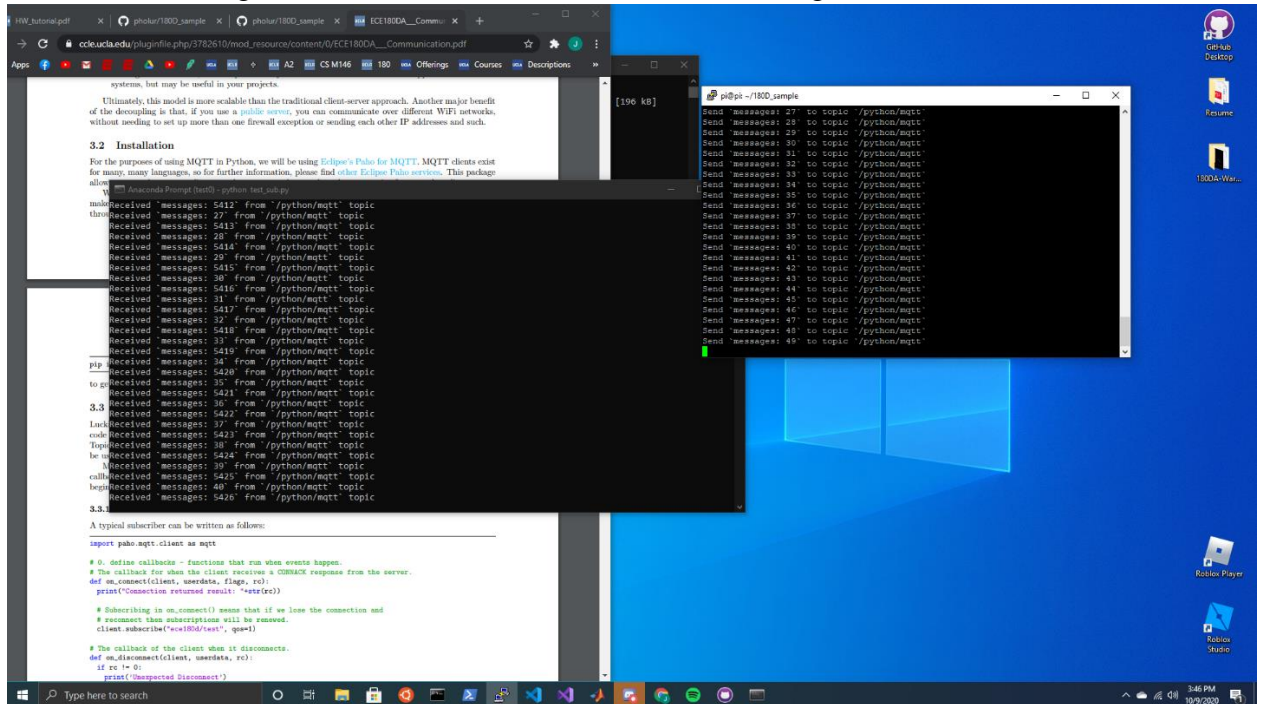
Proceed ([y]/n)? y

pi@pi:~ $ python test.py
python: can't open file 'test.py': [Errno 2] No such file or directory
pi@pi:~ $ cd 180DA-WarmUp
pi@pi:~/180DA-WarmUp $ python test.py
ECE_180_DA_DB - Best class ever
pi@pi:~/180DA-WarmUp $

```

- The code as well as screenshots are pushed to the repo for this week

- I was also able to get TCP/IP and MQTT data transfers working



- We were not able to narrow it down to one specific idea, but we chose our top two (card game or fruit ninja) and we are writing two separate project proposals and then we will choose the best one.

3. What do you plan to do this week?

- We want to narrow the project down to one final game idea
- We will start working on gesture and voice recognition by the end of the week since everyone will be getting their equipment
- Finish the Week 3 tutorial if there is one