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Weekly Lab Report

1. What did you plan to do last week?
   - I planned to finish Week 0's and really get comfortable with using OpenCV and python in general.
   - I wanted to make sure I understood each task and the template scripts I found online for those tasks
2. What did you end up doing last week?
   - I was able to look at a lot of sites with tutorials on using kmeans and color thresholding to identify objects
   - Using the camera in python scripts was a bit better with practice
   - I learned how to draw a rectangular bounding box on top of an image as well
3. What do you plan to do this week?
   - This week I plan to do Week 1's lab and set up the Raspberry Pi. I unfortunately did not get my pi zero yet, but I had a pi 3 laying around already and just used that instead
   - Some difficulties that I faced included having the raspberry pi host name not found when I tried to ping or ssh into it (headless). Luckily I had a monitor and was able to get the ip address of the pi directly on there using the command
     i. `hostname -I`
   - Then, I was able to do
     i. ssh pi@<ip_address>
   - From there, I could change the hostname
   - I think it was not recognized because my roommate also had her pi connected as well
   - To find the pi's ip from your laptop, you can search the ip's connected to the network using **nmap**
     i. https://howchoo.com/pi/find-your-raspberry-pis-ip-address and then ssh pi@<ip_address>