Journal #5

1. My most highlighting moment during the semester so far is when we got the Mbot to work for the first time. Even though up went straight, down went backwards, left went right, and right didn’t work, I would still have to say doing that on our own was probably the most highlighting event that happened to me throughout the semester and working on our two projects.
2. The most frustrating part of this course was the troubleshooting. Mainly with the Mbot is what we had the most problems with. The Bluetooth module in the Mbot is what frustrated me the absolute most. We got it to be able to discover the Mbot as a device using a Bluetooth dongle in the computer but when we unplug the Mbot from the computer it won’t actually connect to the Mbot via Bluetooth. That and also getting the code to successfully upload to the Mbot was a troublesome event, we finally got it going in the past month where it is successful most of the times, but that was a real struggle for the both of us.
3. Four C’s:
   1. Creativity: For creativity I think I got a fair bit better, coming up with good ideas for different videos we could do with the GoPro, and wanting to use the Mbot with the help of Mr. Hallihan we accomplished some pretty cool things.
   2. Critical Thinking and Problem Solving: This course really makes you use both of these things and it really tests you in each of them. We had a few stupid brain farts in this class, but once we realized what was wrong was something that was staring us right in the face, we figured out where we went wrong for the most part.
   3. Collaboration: Zack and I, (Zac(k) Squared) worked well as a duo. We tackled these tasks together and thinking together we solved some problems, but we also had some that left us in a pickle.
   4. Communication: Zack and I not only work together, but since we have been friends for a while now communicating between the both of us is really easy. Also our communication skills with other people have improved because we either needed to ask for help, or help someone else whether it was related to our project or not.
4. Some key things I learned from this course is working in pairs, communicating and troubleshooting whenever I have a problem. All of these things are important in life and I have gained knowledge in each of them a fair amount from this course alone.
5. <https://www.youtube.com/watch?v=FtipUFqqwm8>
   1. <https://www.youtube.com/watch?v=ykYhdJLsljc>
   2. <https://www.youtube.com/watch?v=I4fX6H8MilI>
   3. <https://www.youtube.com/watch?v=hcVn8JrpkjI> (Sound effects and slow mo)