Journal #4 Zac(k) Squared

<https://www.youtube.com/watch?v=I4fX6H8MilI>

<https://www.youtube.com/watch?v=ykYhdJLsljc>

<https://www.youtube.com/watch?v=FtipUFqqwm8>

In the past couple of weeks we have encountered many problems, such as having the remote on the mbot not work, Up would go straight, Down would go backwards, left would go right, and right would go right occasionally. Mr. Hallihan, Kind of set us on the right road, showing us the 12 days of brilliance. He got us the code we needed to start off the day 6 challenge of the 12 days. We got the Mbot to play Jingle bells and move at the same time, we used Mr. Hallihan’s code for the Jingle Bells notes and implemented more code blocks to make it move at the same time with as little delay as possible.

 Recently our main problem has been that once we try and upload the code to the firmware and connect to the Mbot through Bluetooth it does not seem to want to connect. It will connect via Bluetooth while we have the Mbot plugged in but afterwards it doesn’t seem to stay connected so we can control the Mbot via Bluetooth from the computer.

 Lately, we have been messing around with the different sensors, one that allows the Mbot to display the amount of seconds, minutes, or the hour and it also has the date in several different forms. We also began messing around with the ultrasonic sensor, we have used code from Jacob, at Brilliant Labs, the code he was showing off in his video in day 11 of the 12 day challenge and we got the line follower sensor and the ultrasonic sensor working to some extent.