* With the help of Aarambh and Marlon, Completed the code for all 4 separate td1 tasks with a total of 560 lines of code that was completely successful.
* Debugged the encoder code until I found the pins that work well with the encoder class QEI and using that created a class that calculates speed in meters per second.
* Researched encoders, H bridge, bi polar and unipolar modes to understand why we have chosen unipolar. As well as that, with trail and error understood how the pwm signal is fed to the motors from microcontroller and which test point to measure from to view motor voltage pwm and learned that common ground for all devices is needed to measure the signal correctly from MyDaq.
* Chosen the switching frequency to be used that is adequate enough to switch direction and that keeps overall power loss low enough to elongate battery life.