
Week 3 tasks

1. Read up on dc motors and motor drivers (specifically MDD10A and L293D).
2. Control a single motor with a motor driver and Arduino.
3. Control 2 motors with a motor driver and Arduino. Make both the motors go in opposite directions.
4. Increase the speed of the motors gradually to the highest and then decrease it back.
5. Take the input from the ultrasonic sensor and control the speed of the motor accordingly. (If the distance is less the speed should be less and it should stop at 10cm).