Problem 2: Control a single motor with a motor driver and arduino.

<https://www.tinkercad.com/things/gvYtgUCkBxY>

Problem 3: Control 2 motors with a motor driver and Arduino. Make both the motors go in opposite directions

<https://www.tinkercad.com/things/dqByCrsAqaw>

Problem 4: Increase the speed of the motors gradually to highest and then decrease it back.

<https://www.tinkercad.com/things/1s75cusdjpw-problem-4>

Problem 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)

<https://www.tinkercad.com/things/f7jzN0UrAsb-problem-5>