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