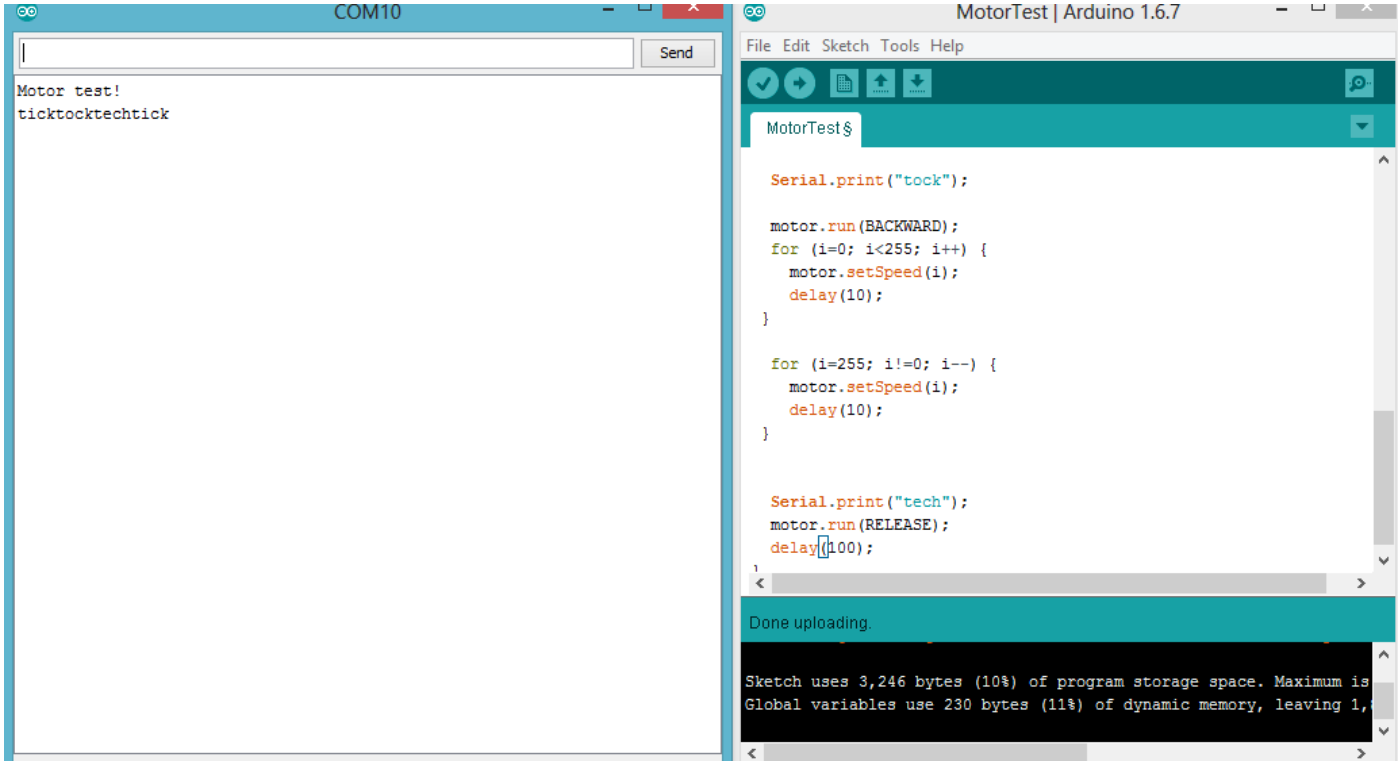
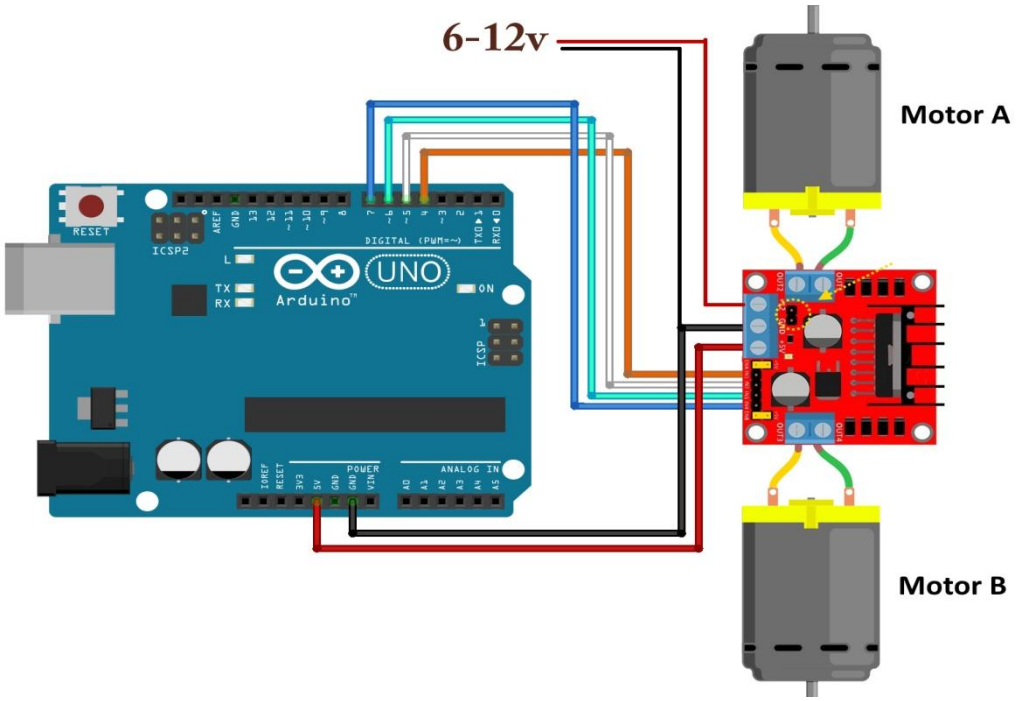
Application 1 Test the motor.

Using the code to test whether the motor is functioning or not. When the motor start to move forward, serial monitor will be displayed “tick”. Then move backward displayed “tock” and finally serial monitor will displayed “tech”. It shows that the motor is functioning and can be used for other project.



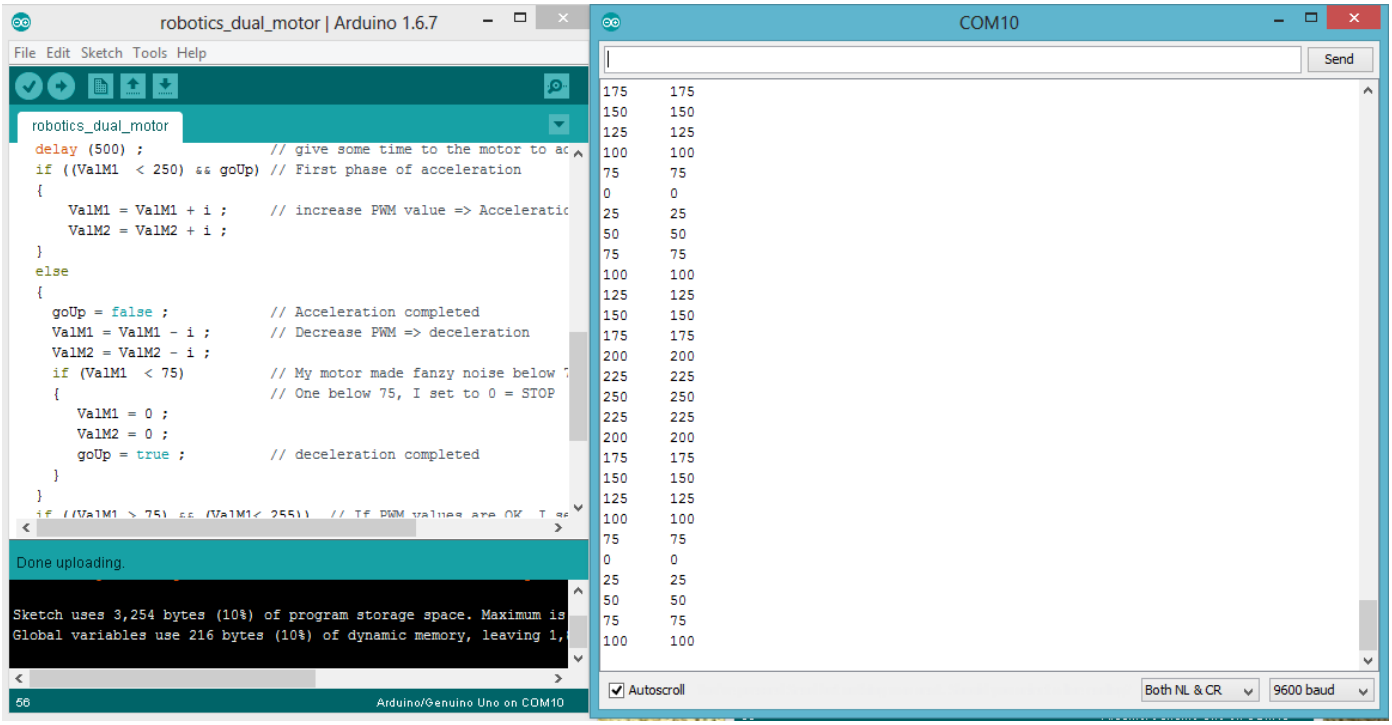
Application 2: Accelerating 2 motor

Set the connection as below



The output shows that when both motors are accelerating, when value displayed between 255< speed >75 both motors will accelerate. Motors will decelerate when value is <75 and the motor will make some noise as the value decrease less than 70. The motor will stop for a while when the monitor displayed “0” value.

Output on serial monitor:



Both applications above are to show how the L298N operate with DC motor. L298N can be used to control two motors, not just one since the module uses a dual H-bridge drive.