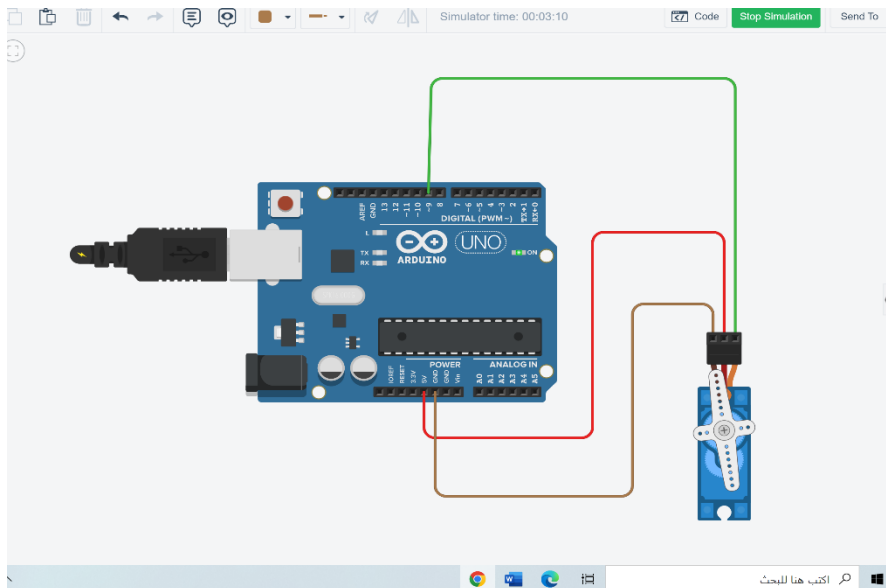
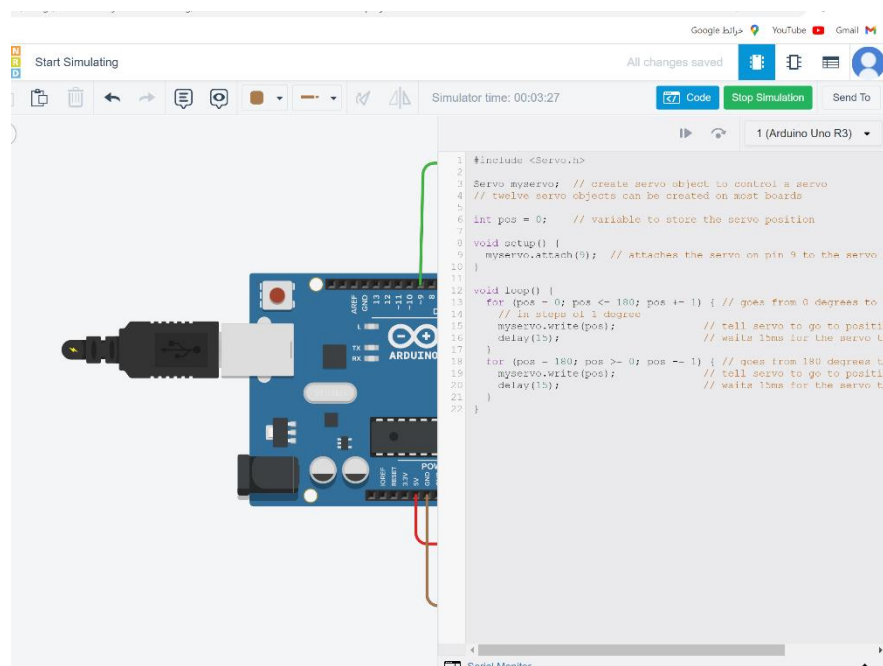


MOTOR SERVO :

THE CIRCUITE:

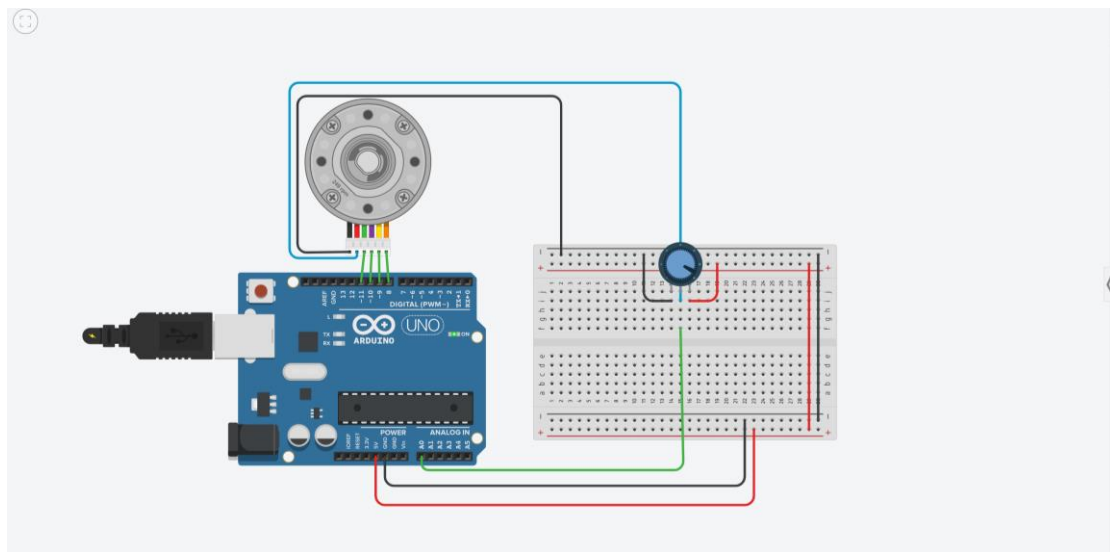


THE CODE:

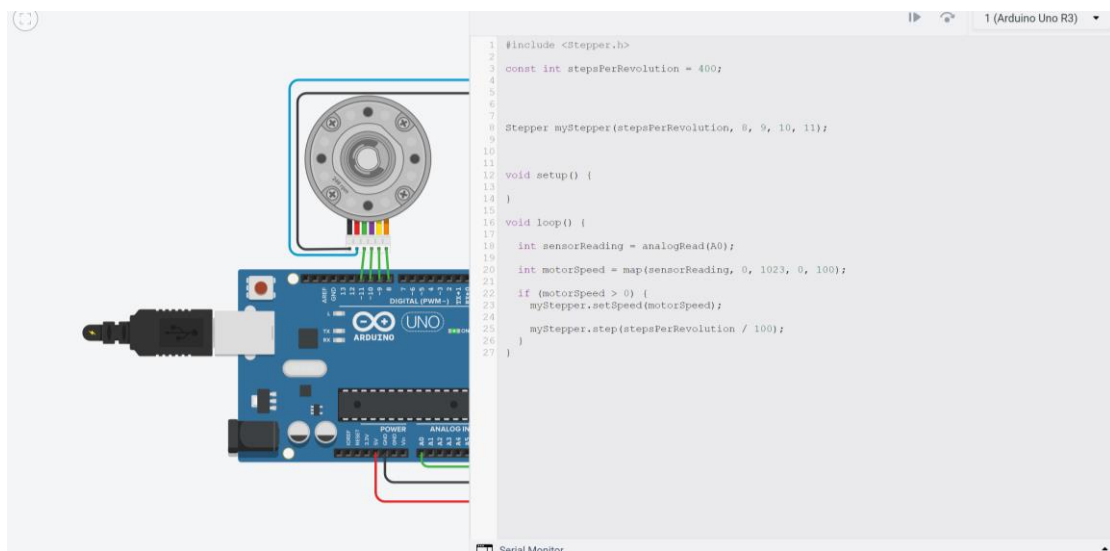


STEPPER MOTOR :

THE CIRCUITE:



THE CODE:



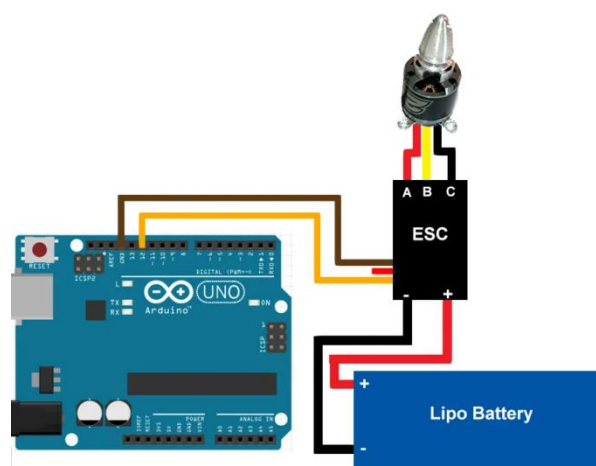
BRUSHLESS MOTOR

THE STEP:

WE NEED:

- Arduino UNO
- BLDC outrunner motor (Any other outrunner motor will work fine)
- Electronic Speed Controller (Choose according to the current rating of the motor)
- LiPo Battery (to power the motor)
- Male-Male Jumper cable * 3
- USB 2.0 cable type A/B (To upload the program and power the Arduino).

THE CIRCUIT:



THE PROGRAMINGN ARDUINO UNO:



```
#include <Servo.h>

Servo esc_signal;

void setup()
{
  esc_signal.attach(12); //Specify here the pin number on which the signal
pin of ESC is connected.

  esc_signal.write(30); //ESC arm command. ESCs won't start unless input
speed is less during initialization.

  delay(3000); //ESC initialization delay.
}

void loop()
{
  esc_signal.write(55); //Vary this between 40-130 to change the speed o
f motor. Higher value, higher speed.

  delay(15);
}
```