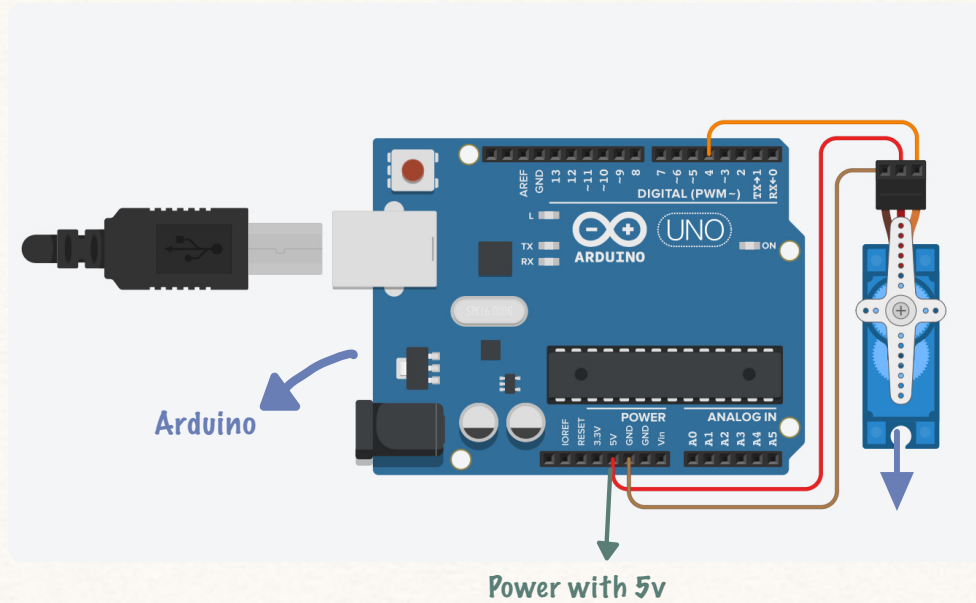


Servo motor

My Circuit:

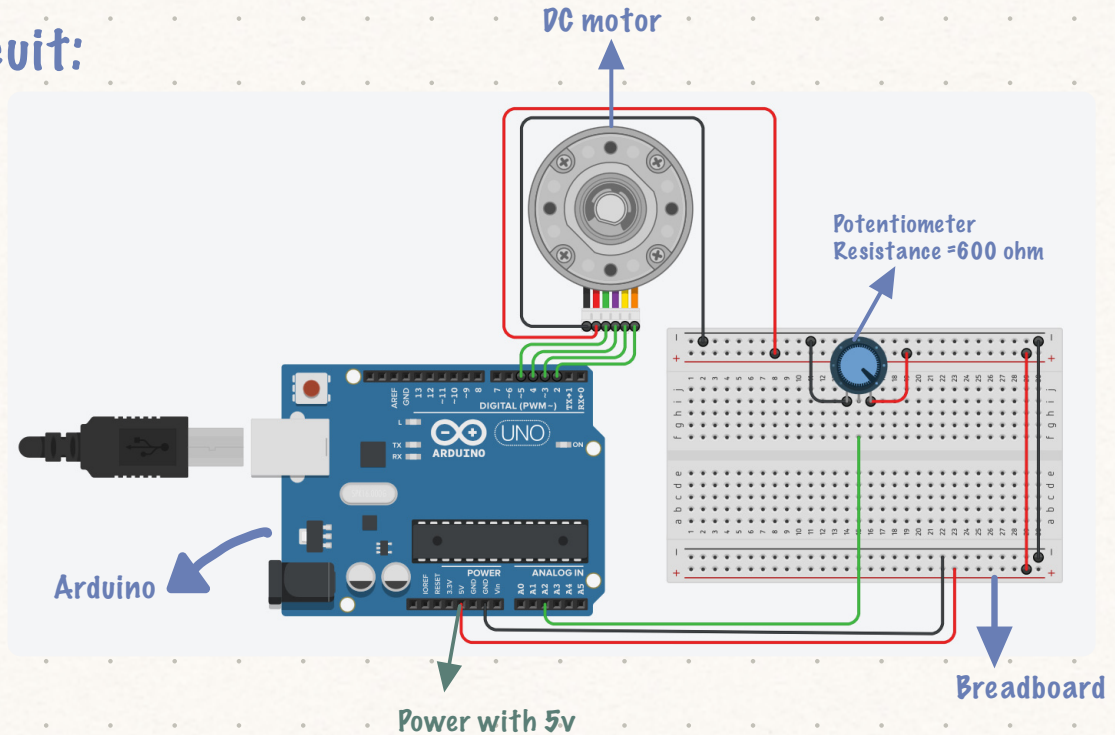


Code:

```
1 #include <Servo.h>
2
3 int p = 0;
4
5 Servo servo_4;
6
7 void setup()
8 {
9   servo_4.attach(4, 500, 2500);
10 }
11
12 void loop()
13 {
14   for (p = 0; p <= 180; p += 1)
15   {
16     servo_4.write(p);
17     delay(15);
18   }
19   for (p = 180; p >= 0; p -= 1)
20   {
21     servo_4.write(p);
22     delay(15);
23   }
24 }
```

Stepper motor

My Circuit:

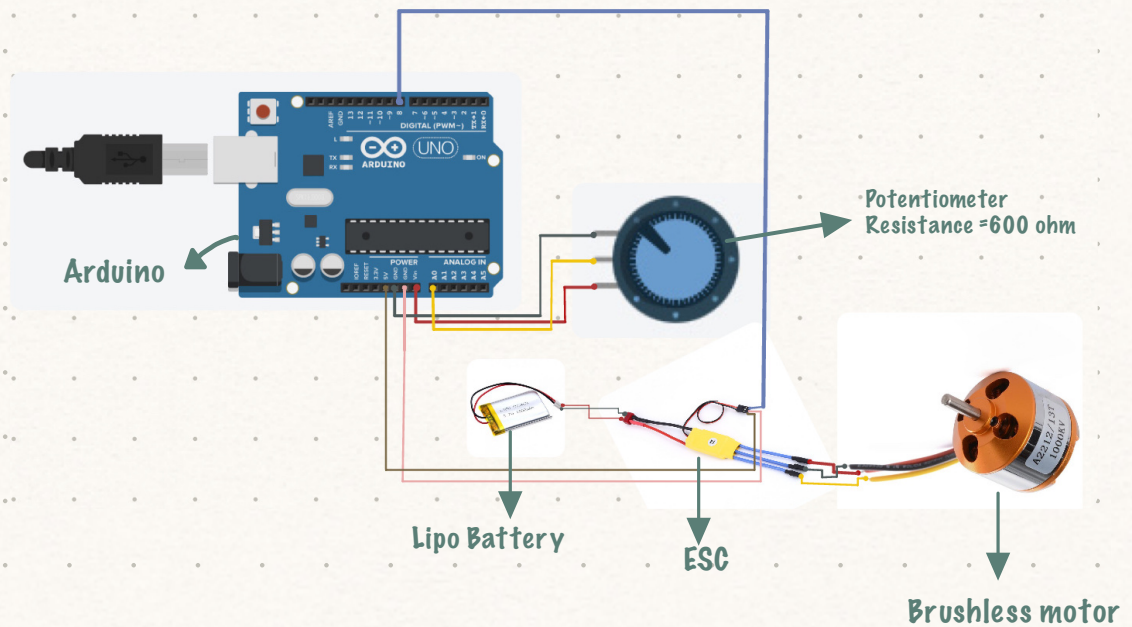


Code:

```
1 #include <Stepper.h>
2
3 int stepsPerRevolution = 100;
4
5 Stepper myStepper(stepsPerRevolution, 2, 3, 4, 5);
6
7 void setup()
8 {
9 }
10
11 void loop() {
12     int sensorReading = analogRead(A2);
13     int motorSpeed = map(sensorReading, 0, 25, 50, 100);
14     if (motorSpeed > 0) {
15         myStepper.setSpeed(motorSpeed);
16         myStepper.step(stepsPerRevolution / 15);
17     }
18 }
```


Brushless motor

My Circuit:



****After connecting the circuit to increase the rotational speed, rotate the potentiometer socket slowly**

Code:

```
1 #include <Servo.h>
2
3 Servo esc;
4
5 void setup()
6 {
7     esc.attach(8);
8     esc.writeMicroseconds(1000);
9     Serial.begin(9600);
10 }
11
12 void loop()
13 {
14     int v;
15     v = analogRead(A0);
16     v = map(v, 0, 1023, 1000, 2000);
17     esc.writeMicroseconds(v);
18 }
19
20
```