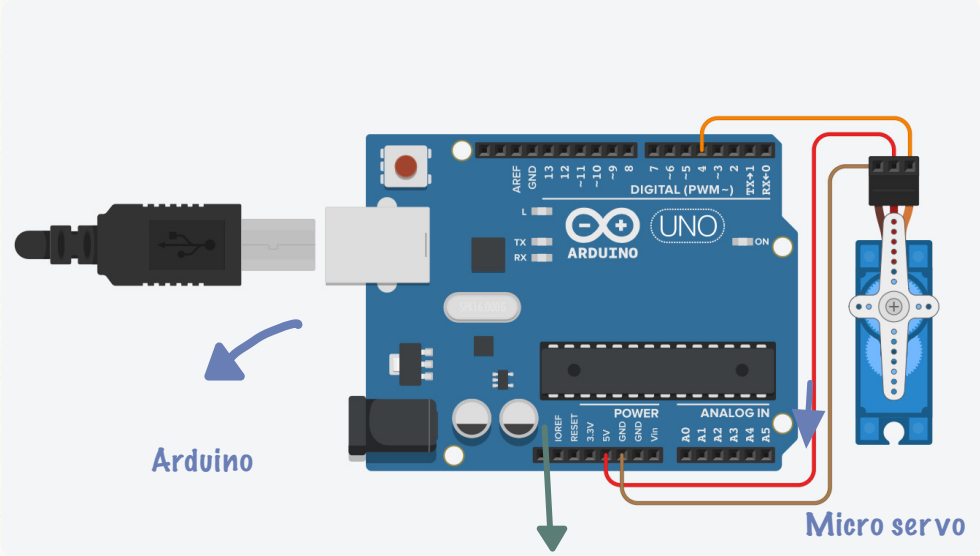
Servo motor

My Circuit:

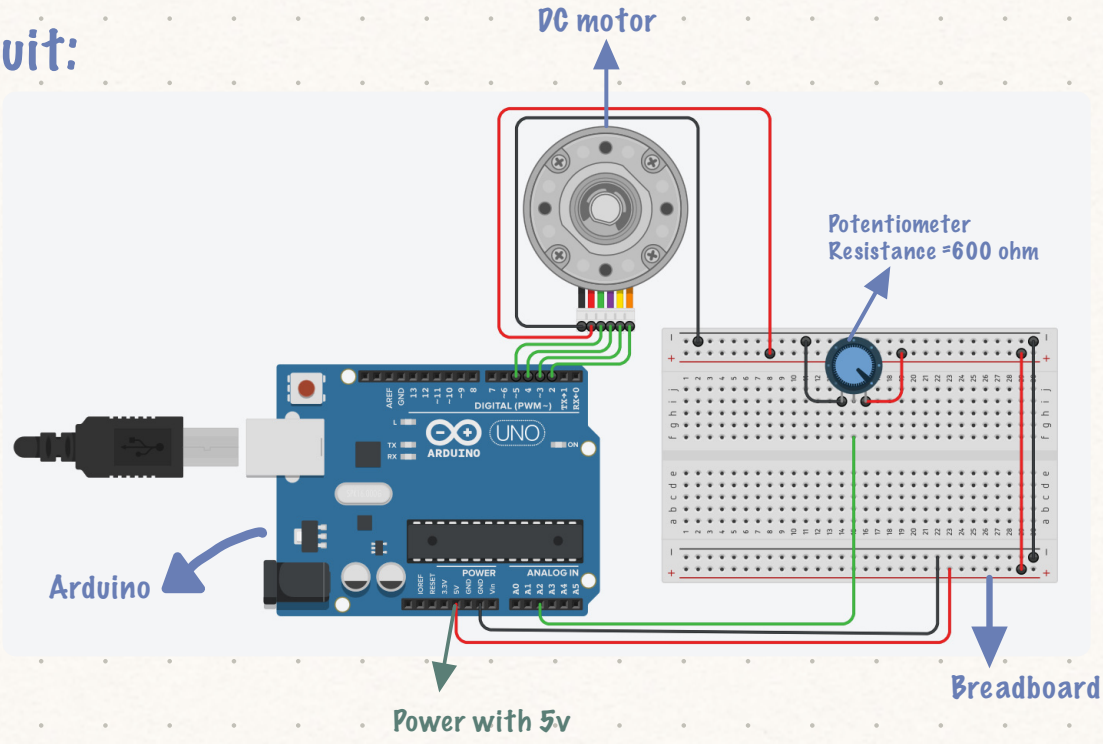


Code:

```
#include <Servo.h>

int p = 0;

Servo servo_4;

void setup()
{
  servo_4.attach(4, 500, 2500);
}

void loop()
{
  for (p = 0; p <= 180; p += 1)
  {
    servo_4.write(p);
    delay(15);
  }
  for (p = 180; p >= 0; p -= 1)
  {
    servo_4.write(p);
    delay(15);
  }
}
```

Stepper motor

My Circuit:

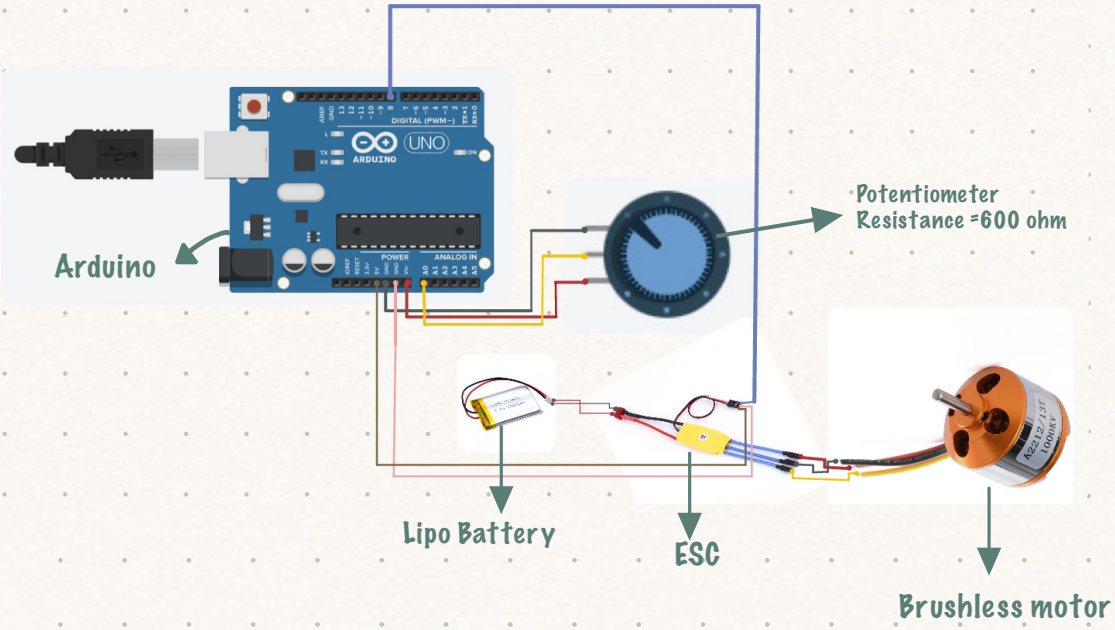


Code:

```
#include <Stepper.h>

int stepsPerRevolution = 100;

Stepper myStepper(stepsPerRevolution, 2, 3, 4, 5);

void setup()
{
}

void loop() {
  int sensorReading = analogRead(A2);
  int motorSpeed = map(sensorReading, 0, 25, 50, 100);
  if (motorSpeed > 0) {
    myStepper.setSpeed(motorSpeed);
    myStepper.step(stepsPerRevolution / 15);
  }
}
```

Brushless motor

My Circuit:



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

Code:

```
#include <Servo.h>

Servo esc;

void setup()
{
  esc.attach(8);
  esc.writeMicroseconds(1000);
  Serial.begin(9600);
}

void loop()
{
  int v;
  v = analogRead(A0);
  v = map(v, 0, 1023, 1000, 2000);
  esc.writeMicroseconds(v);
 }

```