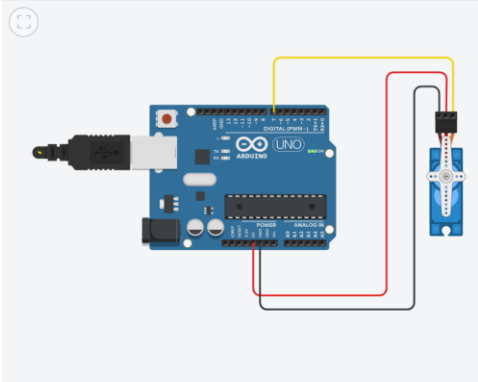


Servo motor

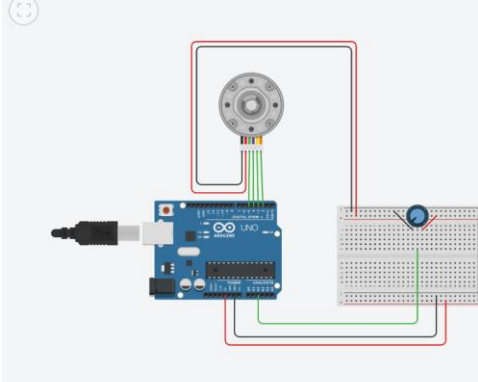
TIN K E R C A D Spectacular Sango-Jaiks All changes saved Simulator time: 00:01:05



```
1 //This code is (Knob)
2
3 #include <Servo.h>
4
5 Servo myservo; // create servo object to control a servo
6
7 int potpin = A0; // analog pin used to connect the potentiometer
8 int val; // variable to read the value from the analog pin
9
10 void setup() {
11   myservo.attach(9); // attaches the servo on pin 9 to the servo object
12 }
13
14 void loop() {
15   val = analogRead(potpin); // reads the value of the potentiometer (0 to 1023)
16   val = map(val, 0, 1023, 0, 180); // scale it for use with the servo (0 to 180 degrees)
17   myservo.write(val); // sets the servo position according to the scaled value
18   delay(15); // waits for the servo to get there
19 }
```

Serial Monitor

Stepper motor



```
1 //This code is (Knob)
2
3 #include <Servo.h>
4
5 Servo myservo; // create servo object to control a servo
6
7 int potpin = A0; // analog pin used to connect the potentiometer
8 int val; // variable to read the value from the analog pin
9
10 void setup() {
11   myservo.attach(9); // attaches the servo on pin 9 to the servo object
12 }
13
14 void loop() {
15   val = analogRead(potpin); // reads the value of the potentiometer (0 to 1023)
16   val = map(val, 0, 1023, 0, 180); // scale it for use with the servo (0 to 180 degrees)
17   myservo.write(val); // sets the servo position according to the scaled value
18   delay(15); // waits for the servo to get there
19 }
```

Serial Monitor

Brushless motor

