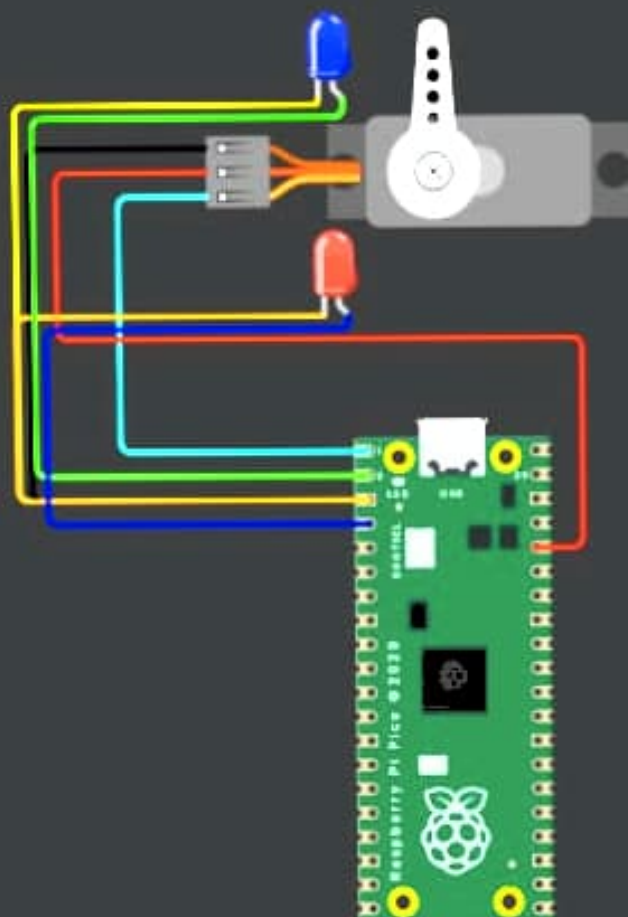


Simulation

Code



Servo with two LEDs.ino

diagram.json

Library Manager ▼

```
1  /* Sweep
2     by BARRAGAN <http://barraganst.com>
3     This example code is in the public domain
4
5     modified 8 Nov 2013
6     by Scott Fitzgerald
7     http://www.arduino.cc/en/Tutorial/ServoSweep
8  */
9
10 #include <Servo.h>
11
12 Servo myservo;  // create servo object to control a servo
13 // twelve servo objects can be created on most boards
14
15 int pos = 0;    // variable to store the current position of the servo in degrees
16
17 void setup() {
18   myservo.attach(0);  // attach the servo on pin 0 to the servo object
19   pinMode(1, OUTPUT);
20   pinMode(3, OUTPUT);
21 }
22
23
24 void loop() {
25   for (pos = 0; pos <= 180; pos += 1) { // in steps of 1 degree
26     myservo.write(pos);                 // tell servo to go to position in degrees
27     delay(15);                          // waits 15ms for the servo to reach the position
28   }
```

Servo with two LEDs.ino

diagram.json

Library Manager ▼

```
23
24 void loop() {
25     for (pos = 0; pos <= 180; pos
26         // in steps of 1 degree
27         myservo.write(pos);
28         delay(15);
29     }
30     digitalWrite(1, HIGH);    // tu
31     delay(15);
32
33     digitalWrite(2, LOW);    // tur
34
35
36     for (pos = 180; pos >= 0; pos
37         myservo.write(pos);
38         delay(15);
39     }
40     digitalWrite(2, HIGH);    // tu
41     delay(15);
42
43     digitalWrite(1, LOW);    // tur
44
45 }
46
47
```

Simulation

Code



00:20.848 100%

