

```

#include <ESP32Servo.h>

const int servoPin = 18; // Corrected line

Servo servo;

void setup() {

  servo.attach(servoPin, 500, 2400);

}

int pos = 0;

void loop() {

  for (pos = 0; pos <= 180; pos += 1) {

    servo.write(pos);

    delay(10);

  }

  for (pos = 180; pos >= 0; pos -= 1) { // Corrected loop

    servo.write(pos);

    delay(10);

  }

}

```

