



```
#include <Servo.h>

Servo myservo;
int pos = 0;

void setup() {
  myservo.attach(9);
}

void loop() {
  for (pos = 0; pos <= 180; pos += 1) {
    // in steps of 1 degree
    myservo.write(pos);
    delay(15);
    for (pos = 180; pos >= 0; pos -= 1) {
      myservo.write(pos);
      delay(15);
    }
  }
}
```











