



```
1  #include
2  <Servo.h>
3
4  int p = 0;
5
6  Servo servo_4;
7
8  void setup()
9  {
10     servo_4.attach(4, 500, 2500);
11 }
12
13 void loop()
14 {
15     for (p = 0; p <= 180; p += 1) {
16         servo_4.write(p);
17         delay(15);
18     }
19     for (p = 180; p >= 0; p -= 1) {
20         servo_4.write(p);
21         delay(15);
22     }
23 }
```

