



```
1 void setup(){}
2 void loop() {
3   analogWrite(9,255);
4   delay(1000);
5   analogWrite(9,191);
6   delay(1000);
7   analogWrite(9,127);
8   delay(1000);
9   analogWrite(9,64);
10  delay(1000);
11  analogWrite(9,0);
12  delay(1000);
13 }
```

```
1  #include <Servo.h>
2  Servo myservo;
3  int pos;
4  void setup(){
5  |  myservo.attach(9);
6  |  }
7  void loop(){
8  |  for(pos=0;pos<=180;pos+=1)
9  |  {
10 |      myservo.write(pos);
11 |      delay(100);
12 |  }
13 |  for(pos=180;pos>=0;pos-=1)
14 |  {
15 |      myservo.write(pos);
16 |      delay(100);
17 |  }
18 |  }
19 }
```