**import** RPi.GPIO **as** GPIO

**import** time

GPIO.setmode(GPIO.BOARD)

GPIO.setup(12, GPIO.OUT)

p = GPIO.PWM(12, 50)

p.start(7.5)

**try**:

**while** True:

p.ChangeDutyCycle(7.5) **# turn towards 90 degree**

time.sleep(1) **# sleep 1 second**

p.ChangeDutyCycle(2.5) **# turn towards 0 degree**

time.sleep(1) **# sleep 1 second**

p.ChangeDutyCycle(12.5) **# turn towards 180 degree**

time.sleep(1) **# sleep 1 second**