

```
1  #!/usr/bin/python
2  # -*- encoding: utf-8 -*-
3  import RPi.GPIO as GPIO
4  import time
5  from beebotte import *
6  LED_pin=19
7  GPIO.setwarnings(False)
8  GPIO.setmode(GPIO.BCM)
9  GPIO.setup(LED_pin, GPIO.OUT)
10 blink = GPIO.PWM(LED_pin,500)
11 blink.start(0)
12
13 API_KEY = 'xxxxxxxxxxxxxxxxxxxxxx'
14 SECRET_KEY= 'xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx'
15 ### Replace API_KEY and SECRET_KEY with those of your account
16 bbt = BBT(API_KEY,SECRET_KEY)
17 while True:
18     try:
19         # Read from Beebotte return json
20         records = bbt.read('RaspberryPi','valDuty')
21         print (records)
22
23         # Get data from json
24         valpwm=records[0]['data']
25         print (valpwm)
26         blink.ChangeDutyCycle(valpwm)
27
28     except Exception:
29         print ("Error while writing to Beebotte")
30
```