## Discussion1

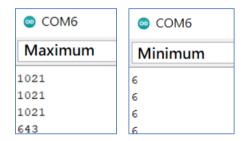
• In this lab, potentiometer is an analog sensor. Are there other sensors that can also be used to control the blinking frequency of LED?

Ans: 光敏電阻、熱敏電阻

## Discussion 2

◆ What is the maximum cycle time (hint: sensor value) that you can get? Is it the same as the value given in the spec (0~1023)?

Ans: 我所測試出來的最大值是 1021,所以 maximum cycle time 為 2042ms。 最後我所測出來的範圍值是 6~1021 與 spec (0~1023)不一樣。



## Discussion3

- What may happen if we don't use the constrain() to constrain the sensor value.
- Try to identify the input range of photocell sensor, i.e., the max value and min value of the photocell in Lab. 3.

Ans: 如果不用 constrain,當 map 的範圍超出最大值或最小值,則會取出不在限制範圍內的數值。最後我所測出來的最大值是 1336,最小值是-1378。

