**Check Point 1程式碼**

**const byte LED = 7;**

**int val;**

**void setup() {**

**Serial.begin(9600);**

**Serial.println("Hello, World!");**

**}**

**void loop() {**

**if(Serial.available()) {**

**val = Serial.read();**

**if(val == '1') {**

**digitalWrite(LED,HIGH);**

**Serial.println("Input Number:1");**

**Serial.println("LED ON");**

**}**

**else if (val == '0') {**

**digitalWrite(LED,LOW);**

**Serial.println("Input Number:0");**

**Serial.println("LED OFF"); }**

**}**

**}**

|  |  |  |
| --- | --- | --- |
| **PC輸入** | **Serial Monitor輸出** | **LED狀態** |
| **1** |  | **1a3b686ac165b15ab95e54fa15611d2** |
| **0** |  | **b0c7849823a8803a342c922300e7f38** |