

腳踏車之個人健身教練

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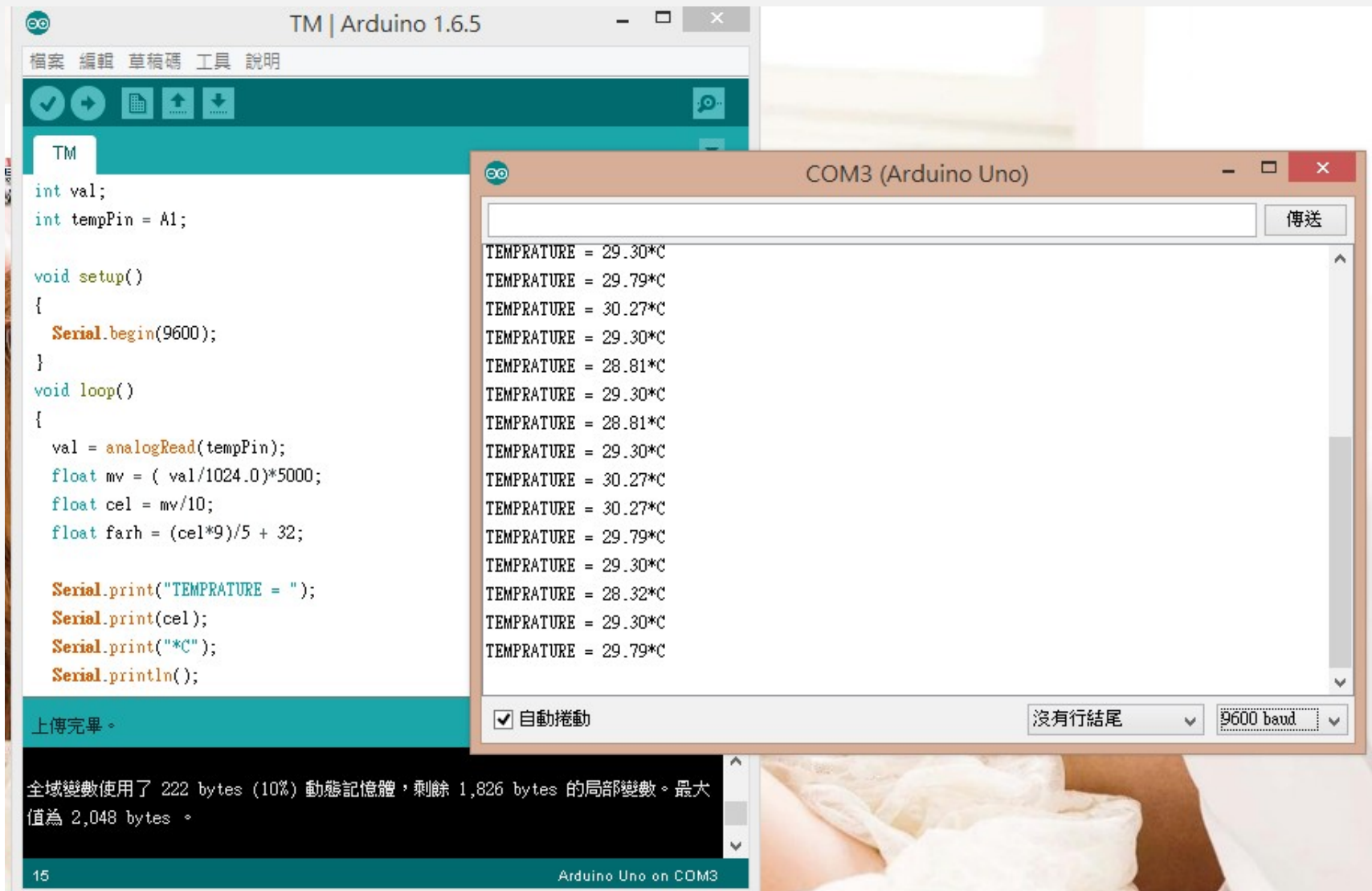
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行程規劃 (Road Map)

- 2015/3 →
- 2015/4 →
- 2015/5 →
- 2015/6->
- 2015/7->
- 2015/8 →

本週 (2015/07/14) 進度

- 測量溫度數值



The screenshot displays the Arduino IDE interface. The main window shows the code for a temperature measurement program. The code defines a pin (A1) and a loop that reads the analog value, converts it to Celsius, and prints the result to the serial monitor. The serial monitor window, titled "COM3 (Arduino Uno)", shows the output of the program, displaying temperature readings in Celsius. The status bar at the bottom indicates "Arduino Uno on COM3" and "15" lines of code.

```
int val;
int tempPin = A1;

void setup()
{
  Serial.begin(9600);
}

void loop()
{
  val = analogRead(tempPin);
  float mv = ( val/1024.0)*5000;
  float cel = mv/10;
  float farh = (cel*9)/5 + 32;

  Serial.print("TEMPERATURE = ");
  Serial.print(cel);
  Serial.print("°C");
  Serial.println();
}
```

TEMPERATURE = 29.30°C
TEMPERATURE = 29.79°C
TEMPERATURE = 30.27°C
TEMPERATURE = 29.30°C
TEMPERATURE = 28.81°C
TEMPERATURE = 29.30°C
TEMPERATURE = 28.81°C
TEMPERATURE = 29.30°C
TEMPERATURE = 30.27°C
TEMPERATURE = 30.27°C
TEMPERATURE = 29.79°C
TEMPERATURE = 29.30°C
TEMPERATURE = 28.32°C
TEMPERATURE = 29.30°C
TEMPERATURE = 29.79°C

上傳完畢。

全域變數使用了 222 bytes (10%) 動態記憶體，剩餘 1,826 bytes 的局部變數。最大值為 2,048 bytes。

15 Arduino Uno on COM3

本週所遭遇問題及可能解法

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下週 (2015/07/14) 預計進度

- Aruino 使用藍芽傳送資料

其它 (備註)

