**電通二乙微處理器實驗 實驗結報**

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| **實驗名稱** | **Lab07-I2C通訊** | | |
| **組別** | **06** | **組員** | 麥子健 |

1. **實驗目的**

**一台LINLLT7697,作為Master端 .讀取slave端之溫濕度感測讀值,顯示在LCD螢幕上**

1. **實驗步驟**

**讀出濕度感測器知讀值並傳到PC**

1. **程式碼**

**#include <dht.h>**

**#define dht\_dpin 9 //no ; here. Set equal to channel sensor is on**

**dht DHT;**

**void setup(){**

**Serial.begin(9600);**

**delay(300);//Let system settle**

**Serial.println("Humidity and temperature\n\n");**

**delay(700);//Wait rest of 1000ms recommended delay before**

**//accessing sensor**

**}//end "setup()"**

**void loop(){**

**//This is the "heart" of the program.**

**DHT.read11(dht\_dpin);**

**Serial.print("Current humidity = ");**

**Serial.print(DHT.humidity);**

**Serial.print("% ");**

**Serial.print("temperature = ");**

**Serial.print(DHT.temperature);**

**Serial.println("C ");**

**delay(1000);//讀取資料的頻率**

**}**

1. **實驗結果及分析**
2. **心得討論 這次第一個做很快,第二個城市有問題做不出來**
3. **修正電路圖**
4. **修正程式碼**