**電通二甲微處理器實驗 實驗結報**

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| **實驗名稱** | **Arduino Lab\_02\_走馬燈** | | |
| **組別** | **26** | **組員** | **張騏纓/韓皓文** |

1. **實驗目的**

1. **實驗步驟**
2. **程式碼**
3. **心得討論**
4. **修正電路圖**
5. **修正程式碼**

**(1)**

const byte ledPin =13 ;

void setup() {

Serial.begin(9600);

Serial.print("Hello,World!");

}

void loop(){

}

**(2)**

const byte LED =13 ;

void setup()

{

Serial.begin(9600);

Serial.print("Hello,World!");

}

void loop()

{

int val= digitalRead(13);

if(Serial.available())

{

val = Serial.read();

switch(val)

{

case'1':

digitalWrite(LED,HIGH);

Serial.println("LED ON");

delay(1000);

break;

case'0':

digitalWrite(LED,LOW);

Serial.println("LED OFF");

delay(1000);

break;

}

}

}