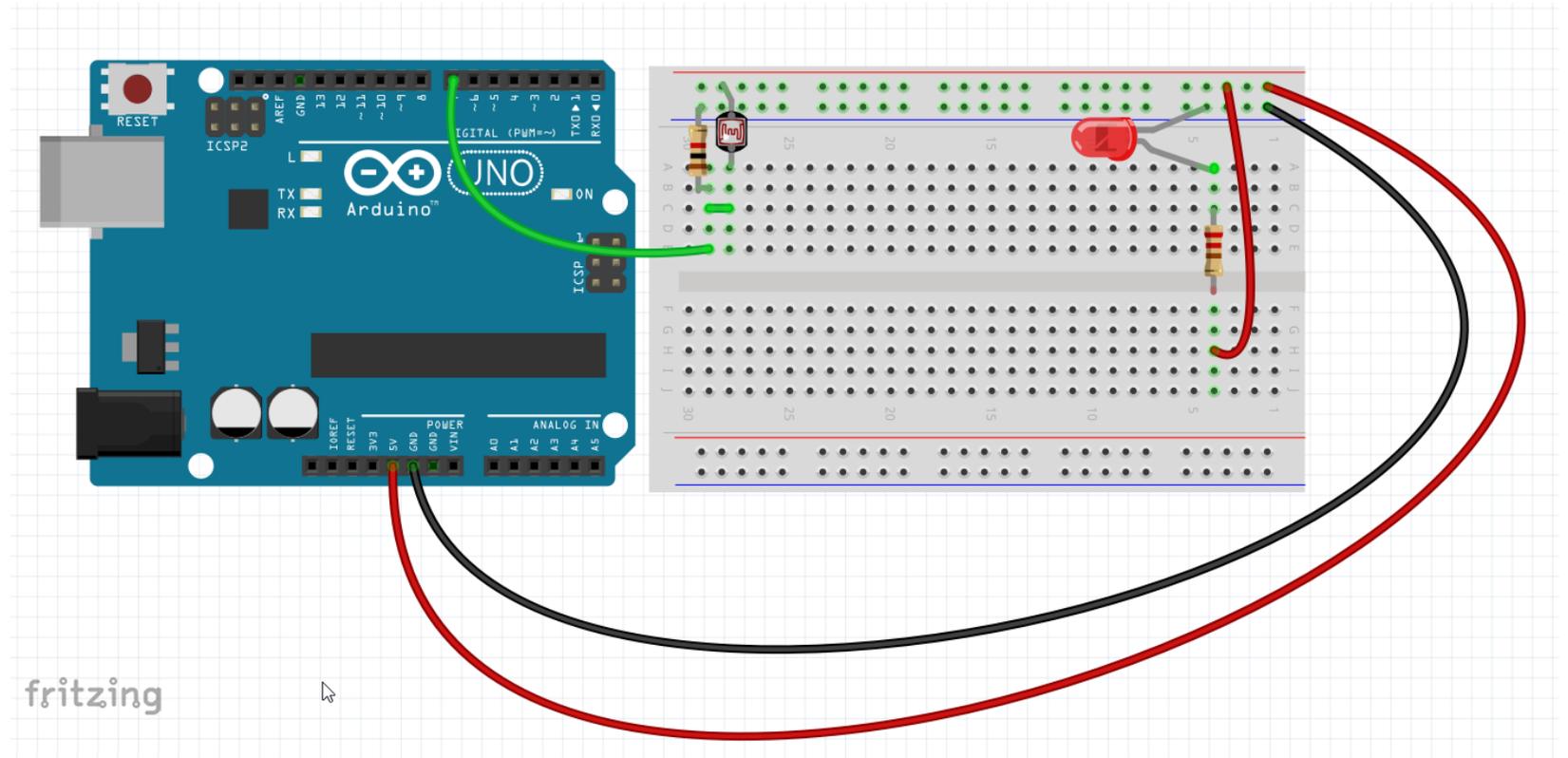
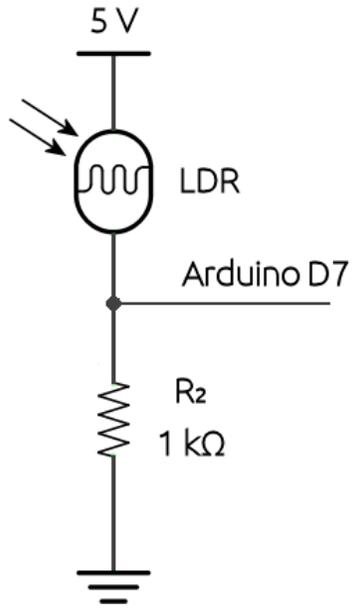
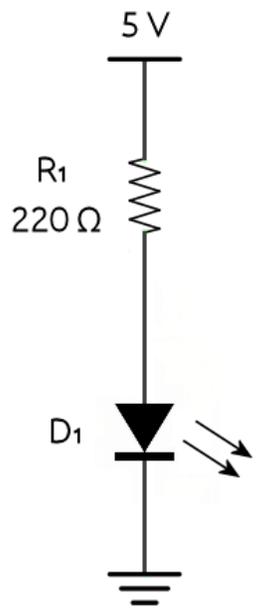


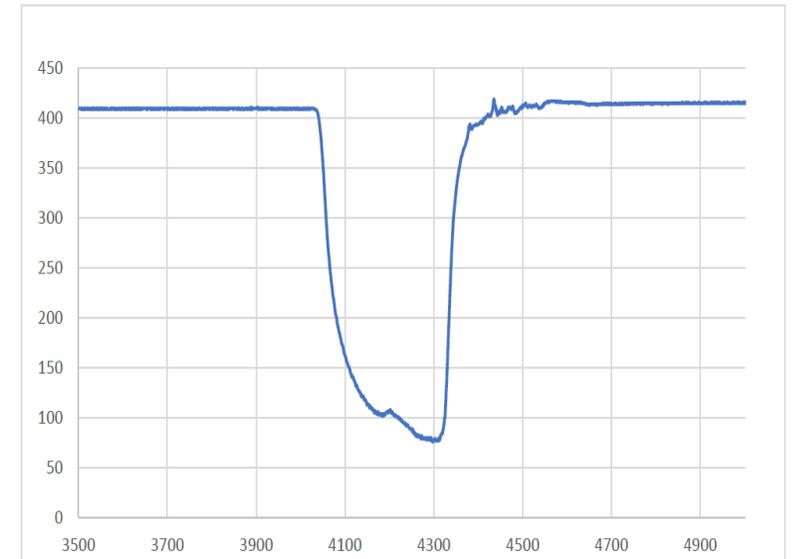
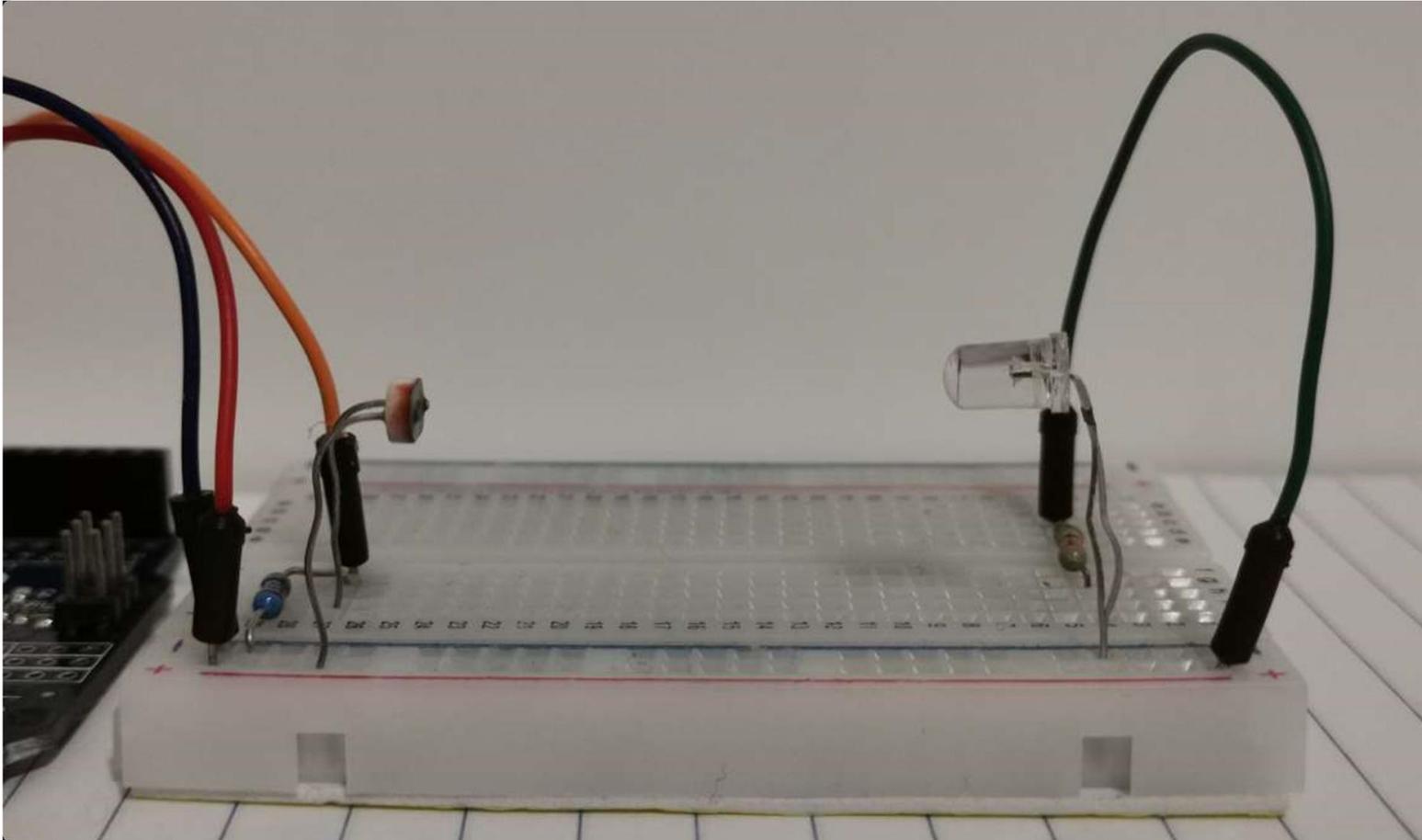
Φωτοπύλες - Arduino

Β. Νούσης - Υπ. ΕΚΦΕ Θεσπρωτίας

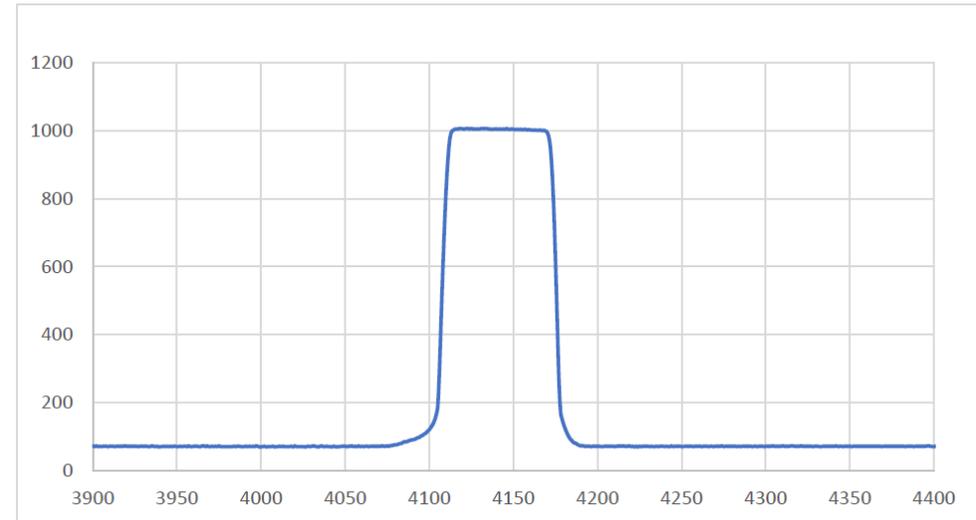
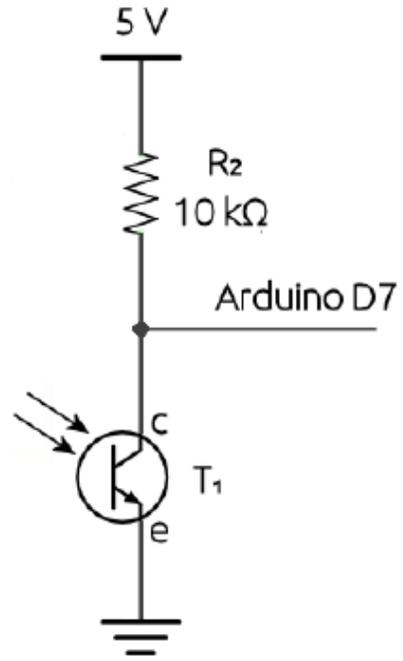
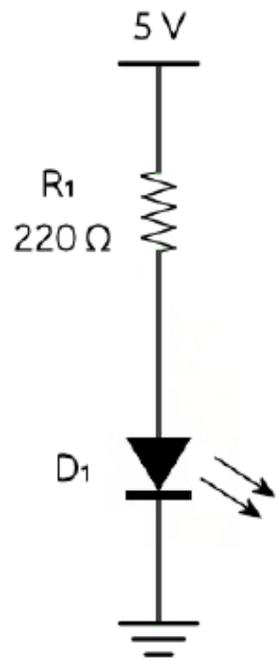
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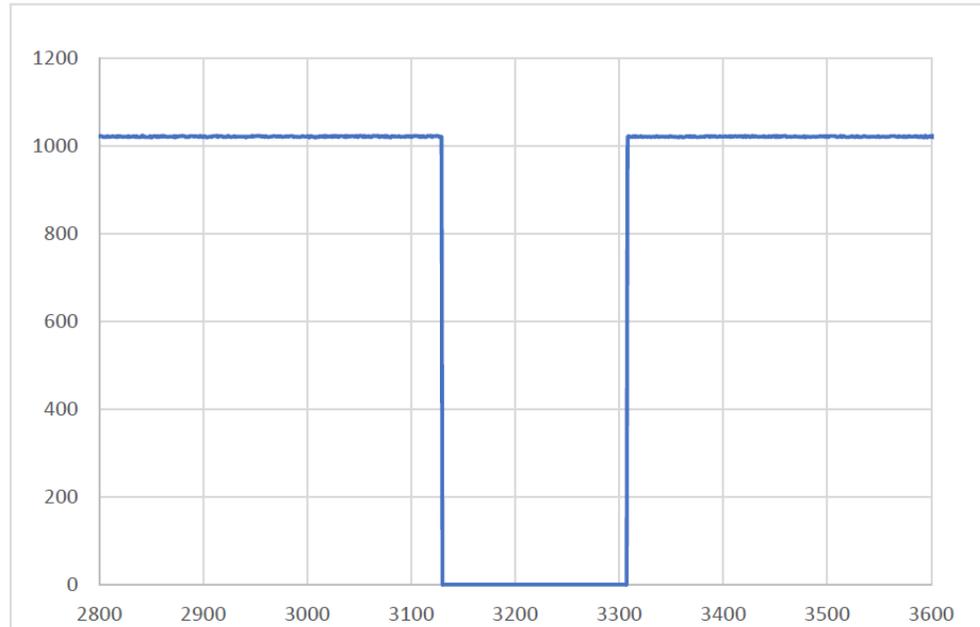
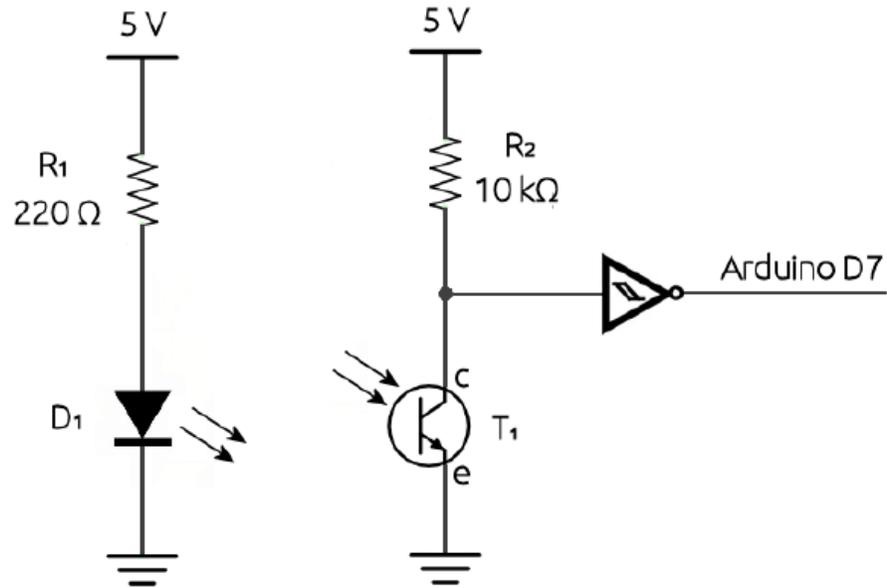
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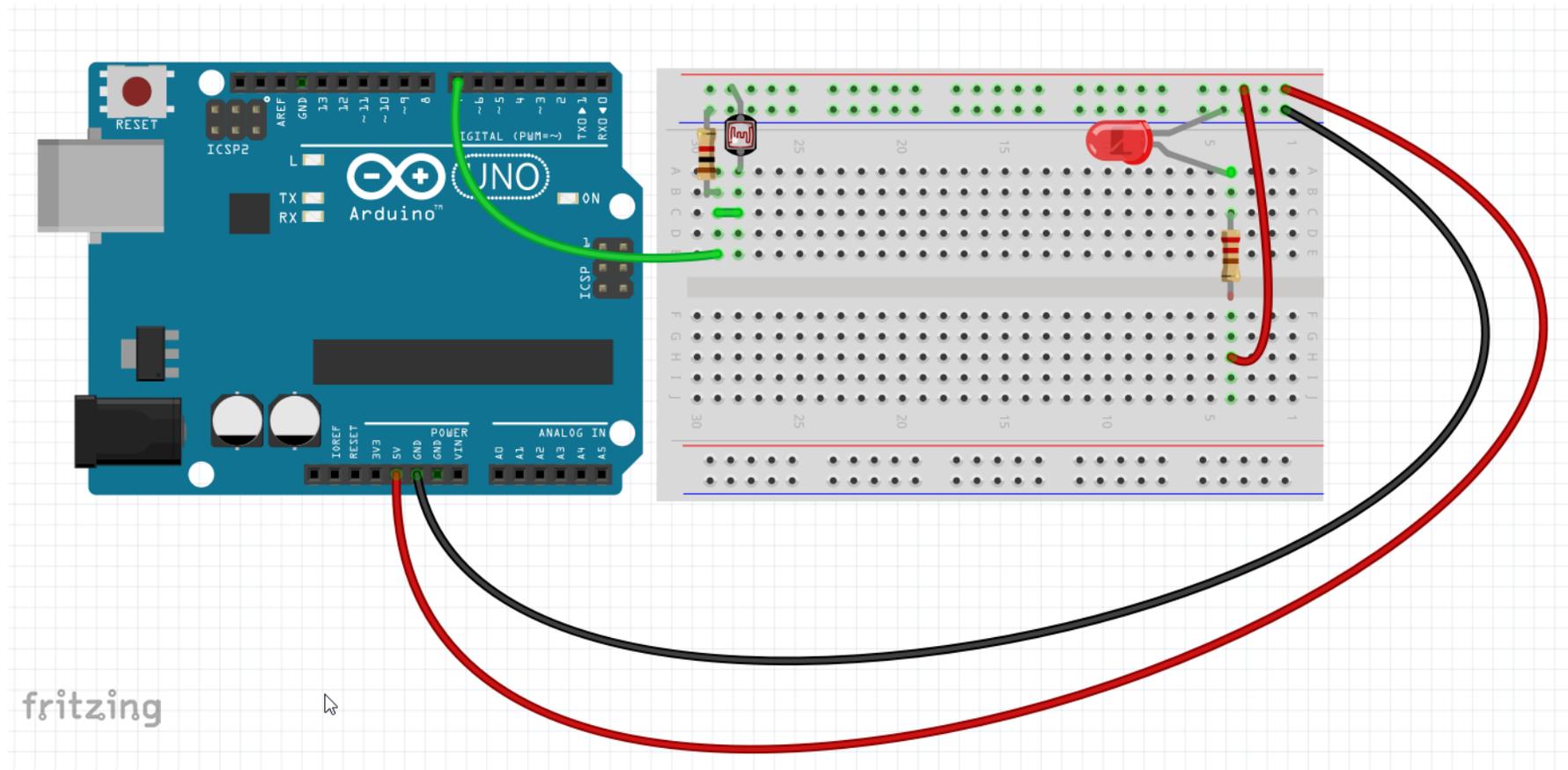
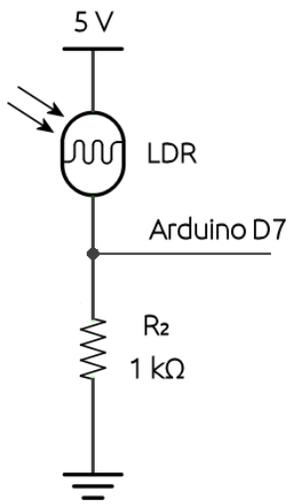
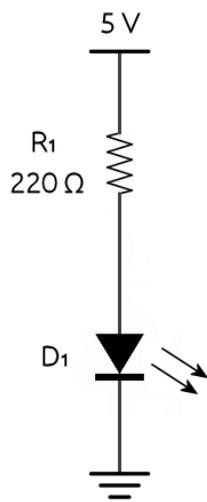
Μια καλύτερη φωτοπύλη



Η καλύτερη φωτοπύλη



Ας δοκιμάσουμε...



Το λογισμικό (I)

```
#define PHOTO_PIN 7
```

```
void setup() {
```

```
    Serial.begin(115200);
```

```
// Έναρξη σειριακής επικοινωνίας
```

```
    pinMode(PHOTO_PIN, INPUT);
```

```
// Η ακίδα PHOTO_PIN είσοδος
```

```
    Serial.print("In Time");
```

```
// Εκτύπωση τίτλου (3 εντολές)
```

```
    Serial.print("\t");
```

```
    Serial.println("Out Time");
```

```
//Serial.println("In Time\tOut Time");
```

```
}
```

Το λογισμικό (II)

```
void loop() {  
    if (digitalRead(PHOTO_PIN) == LOW) {  
        long t_in = micros();           // Ορισμός μεταβλητής  
        while (digitalRead(PHOTO_PIN) == LOW); // Αναμονή  
        long t_out = micros();          // Ορισμός μεταβλητής  
        Serial.print(t_in);             // Εκτύπωση  
        Serial.print("\t");  
        Serial.println(t_out);  
        //Serial.println(String(t_in) + "\t" + String(t_out));  
    }  
}
```