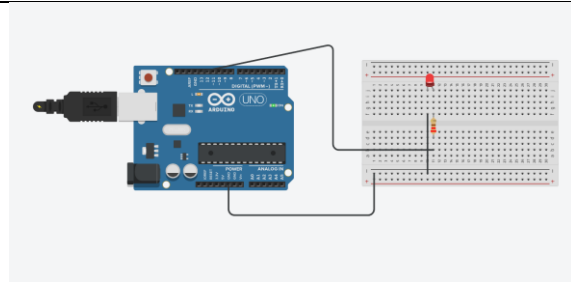


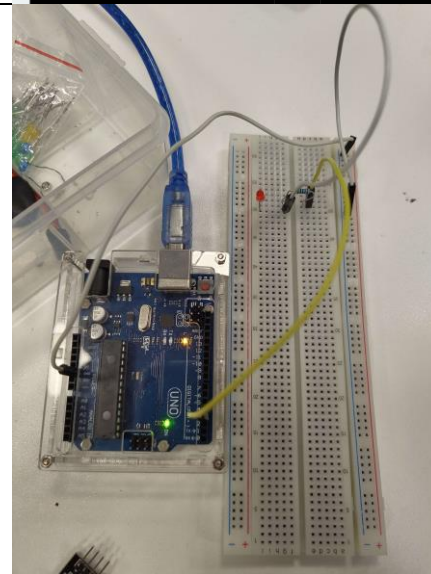
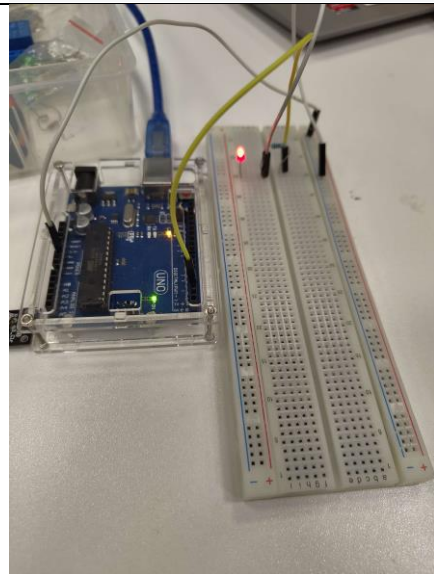
Dutrannois Esteban, Dubois Théo

GR 4

LED



```
1 //  
2 //  
3 //  
4 //  
5 //  
6 // The setup function runs once when you press reset or power the board  
7 void setup() {  
8   // initialize digital pin LED_BUILTIN as an output.  
9   pinMode(LED_BUILTIN, OUTPUT);  
10 }  
11  
12 // The loop function runs over and over again forever  
13 void loop() {  
14   digitalWrite(LED_BUILTIN, HIGH); // turn the LED on (HIGH is the voltage level)  
15   delay(100); // wait for a moment  
16   digitalWrite(LED_BUILTIN, LOW); // turn the LED off by making the voltage low  
17   delay(500); // wait for a second  
18 }  
19  
20
```



LED RGB

```
1 //  
2 //  
3 //  
4 //  
5 //  
6 const int PIN_RED = 5;  
7 const int PIN_GREEN = 6;  
8 const int PIN_BLUE = 9;  
9  
10 void setup() {  
11   pinMode(PIN_RED, OUTPUT);  
12   pinMode(PIN_GREEN, OUTPUT);  
13   pinMode(PIN_BLUE, OUTPUT);  
14 }  
15  
16 void loop() {  
17   analogWrite(PIN_RED, 255);  
18   analogWrite(PIN_GREEN, 0);  
19   analogWrite(PIN_BLUE, 255);  
20   delay(1000);  
21 }  
22  
23
```

