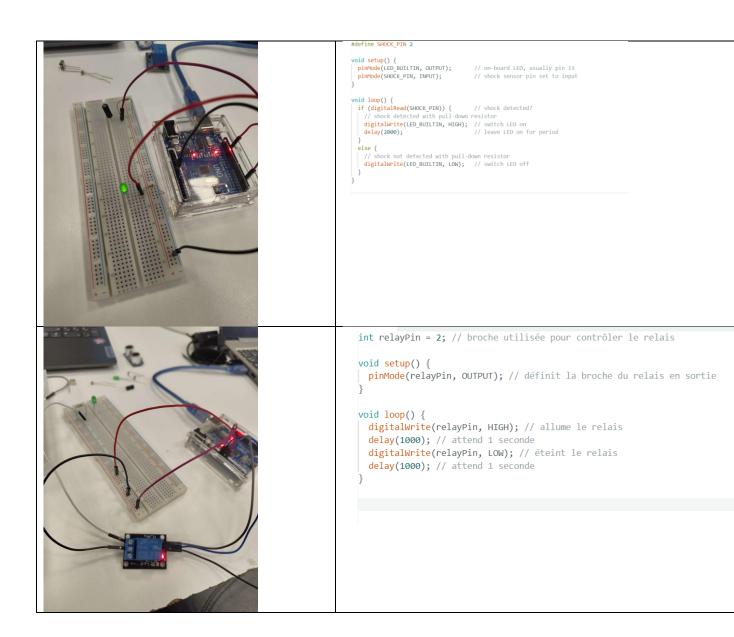
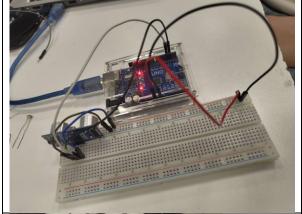
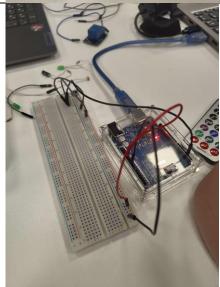
Labo 4: Sensors





```
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```



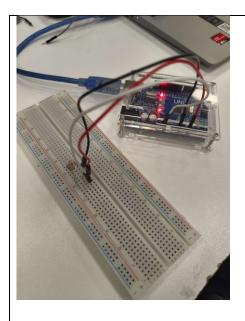
```
#include <IRremote.h>
const char recepteurIR = 2;
IRrecv monIR(recepteurIR);
decode_results message;

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

void loop()
{
   if(monIR.decode(&message) == "FFFFFFFF")
   {
        Serial.println("Noise");
        }
   if (monIR.decode(&message))
   {
        Serial.println(message.value,HEX);
        delay(500);
        monIR.resume();
}
```

delay(1);

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```
void setup() {
  // initialize serial communication at 9600 bits per second:
 Serial.begin(9600);
void loop() {
 // reads the input on analog pin A0 (value between 0 and 1023)
 int analogValue = analogRead(A0);
 Serial.print("Analog reading: ");
 Serial.print(analogValue); // the raw analog reading
 // We'll have a few threshholds, qualitatively determined
 if (analogValue < 10) {</pre>
  Serial.println(" - Dark");
  } else if (analogValue < 200) {
  Serial.println(" - Dim");
 } else if (analogValue < 500) {
  Serial.println(" - Light");
 } else if (analogValue < 800) {
  Serial.println(" - Bright");
 } else {
   Serial.println(" - Very bright");
 delay(500);
```