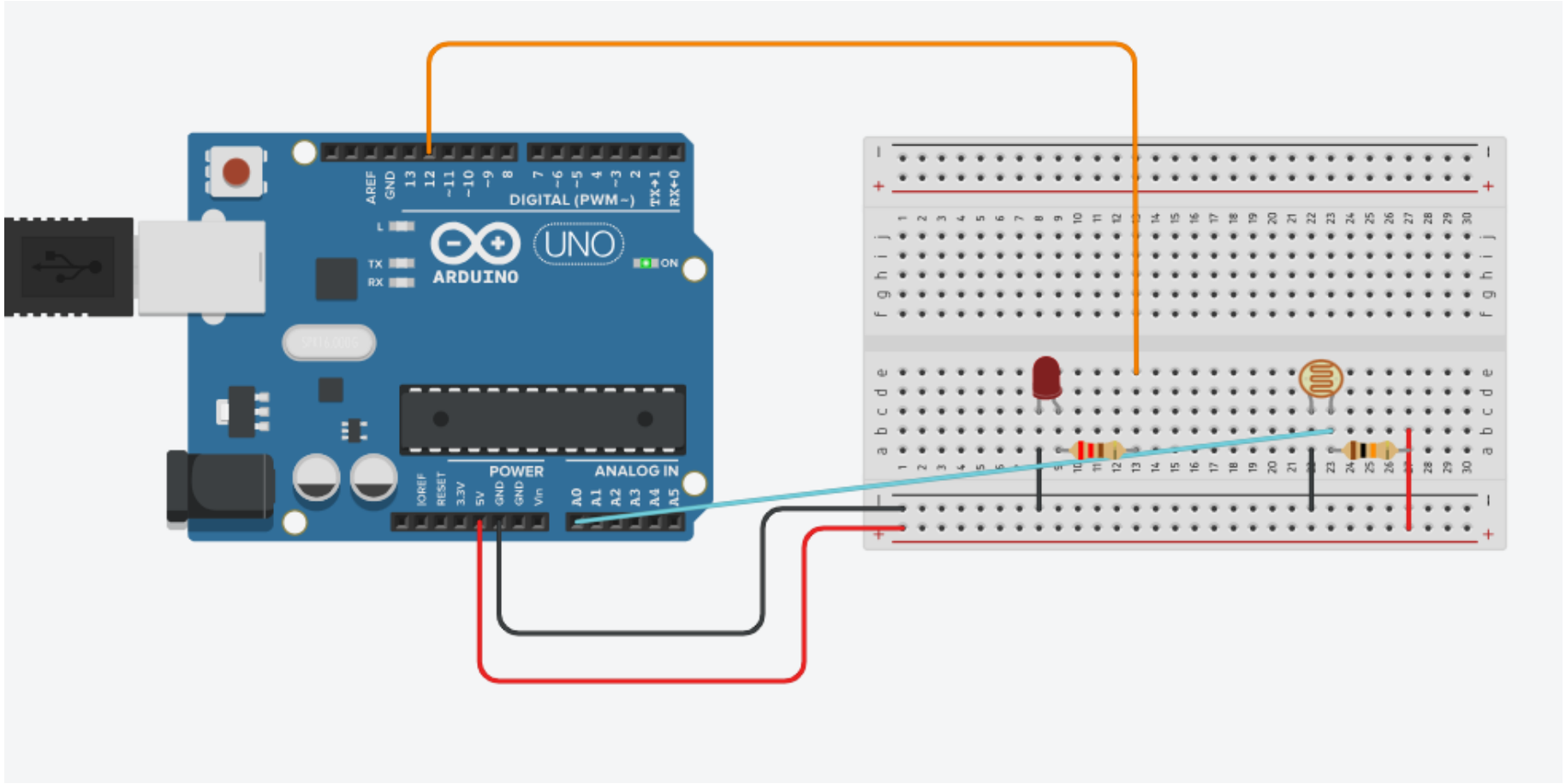
Arduino

Prof. Ederson Luiz Silva

- Sensor de LDR
- 1 Sensor
- 1 resistor de 220 Ohms
- 1 resistor de 10 Kohms
- 1 Placa de Ensaio
- 1 Arduino


DIGITAL (PWM~)
ARDUINO
UNO
POWER
ANALOG IN

```
int ledVermelho = 12;
int sensorLDR = A0;
void setup(){
  pinMode(ledVermelho, OUTPUT);
  pinMode(sensorLDR, INPUT);
  Serial.begin(9600);
}
void loop()
{
  int leitura = analogRead(sensorLDR);
  Serial.print("Leitura: ");
  Serial.println(leitura);
  if(analogRead(sensorLDR) > 600){
    digitalWrite(ledVermelho, HIGH);
  }
  else{
    digitalWrite(ledVermelho, LOW);
  }
}
```