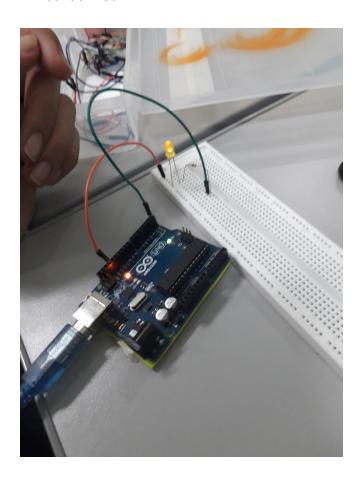
Nome: Lucas Chagas

Turma: 2°ano de Informática

### 1- Acender Led



```
int led = 0;
void setup() {
pinMode (led, OUTPUT);
}

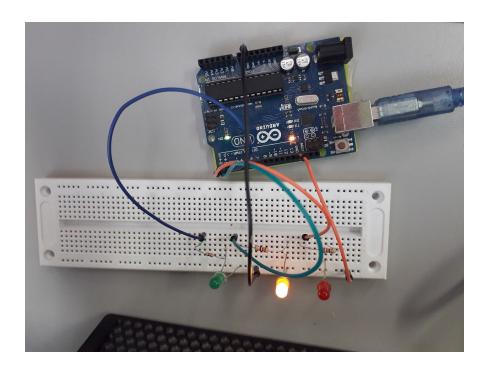
void loop() {
  digitalWrite(led, HIGH);
}
```

Lista de componentes do Arduino

• Fios de Jumper:

- Arduino
- Resistor ohm
- Leds amarelo
- Cabo USB
- Protoboard

# 2- Sinal de Trânsito



```
Assemblish Seach Fernments Ajuda

Assemblish Seach Fernments Ajuda

int led_red = 0: // the red LED is connected to Pin 0 of the Arduino
int led_rellow = 1: // the yellow LED is connected to Pin 1 of the Arduino
int led_rece = 2: // the green LED is connected to Pin 2 of the Arduino
int led_rece = 2: // the green LED is connected to Pin 2 of the Arduino

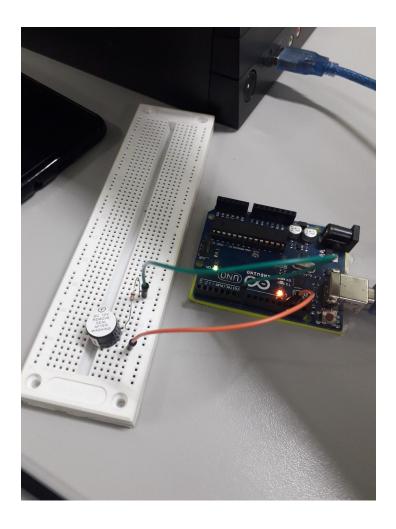
void setup() {
    // set up all the LEDs as OUTPUT;
    publishe (led_red, OUTPUT);
    publishe (led_yellow, OUTPUT);
    publishe (led_yellow, OUTPUT);
    publishe (led_yellow, OUTPUT);

    // turn the green LED on and the other LEDs off
    duptablishe(led_geno, LOW);
    duptablishe(led_geno, LOW);
    duptablishe(led_yellow, LOW);
    duptablishe(led_geno, LOW);
```

## Lista de componentes do Arduino

- Fios de Jumper:
- Arduino
- Resistores ohm
- Leds: verde, vermelho e amarelo
- Cabo USB
- Protoboard

### 3-Buzzer



```
void setup() {
pinMode(7,OUTPUT);
}

void loop() {
  tone(7,2000);
  delay(1000);
  noTone(7);
  delay(1000);
}
```

## Lista de componentes do Arduino

- Fios de Jumper
- Arduino
- Resistor ohm
- Buzzer
- Cabo USB
- Protoboard