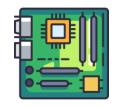


Laboratorio 3:

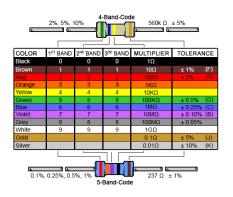
Lab de Wowki - Microcontroladores 1



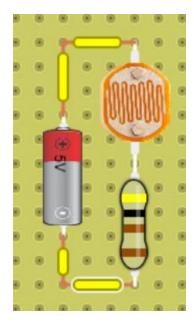
Lab 2: Recapitulación

$$V = I \times R$$

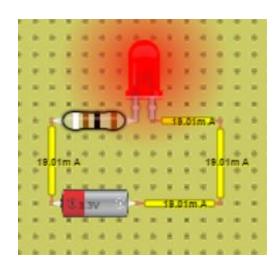
Circuitos en Serie y Paralelo Ley de Ohm Medir Resistencia Leer señales de voltaje Como encender un LED



$$V_2 = \frac{R_2 \times V_{Total}}{R_1 + R_2}$$



$$R = \frac{V_{total} - V_F}{I_F}$$





Serial Out (TX)

Microcontrolador: Arduino Uno

6 Pines Análogos de entrada Microcontrolador

11 Pines Digitales I/O (5V o 0V)

6 Pines PWM de los Pines digitales

2 Pines de comunicación serial

3.3 V Pin de Poder

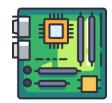
5 V Pin de Poder Otros Sensores

Analog Reference Pin-Serial In (RX) **USB Plug** Reset Button Serial Programmer External Power Supply Analog In 3.3 Volt Power Pin Pins (0-5) 5 Volt Power Pin

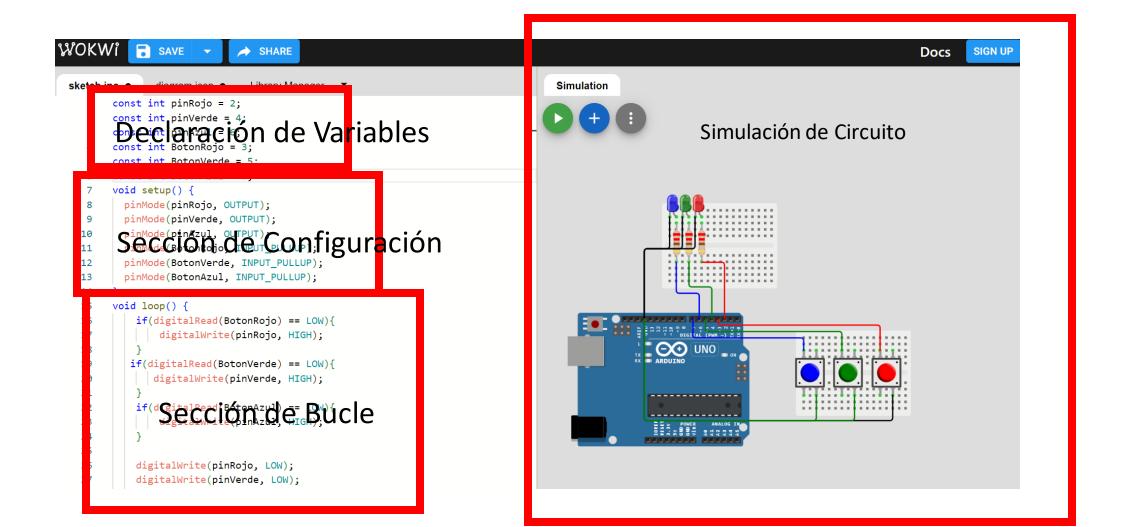
Digital Ground

Simulación en plataforma Wowki:

https://wokwi.com/projects/new/arduino-uno



Microcontrolador: Programación



Microcontrolador: Pines Digitales (entrada y

salida)

11 Pines Digitales I/O (5V o 0V)

Pines de entrada o salida

