



Prof. José Camargo



**GOVERNO DO ESTADO  
DE SÃO PAULO**

**Curso:** Tecnologia em Análise e Desenvolvimento de Sistemas - AMS

**Período:** 5º Ano

**Disciplina:** Sistemas Distribuídos Aplicado à Internet das Coisas

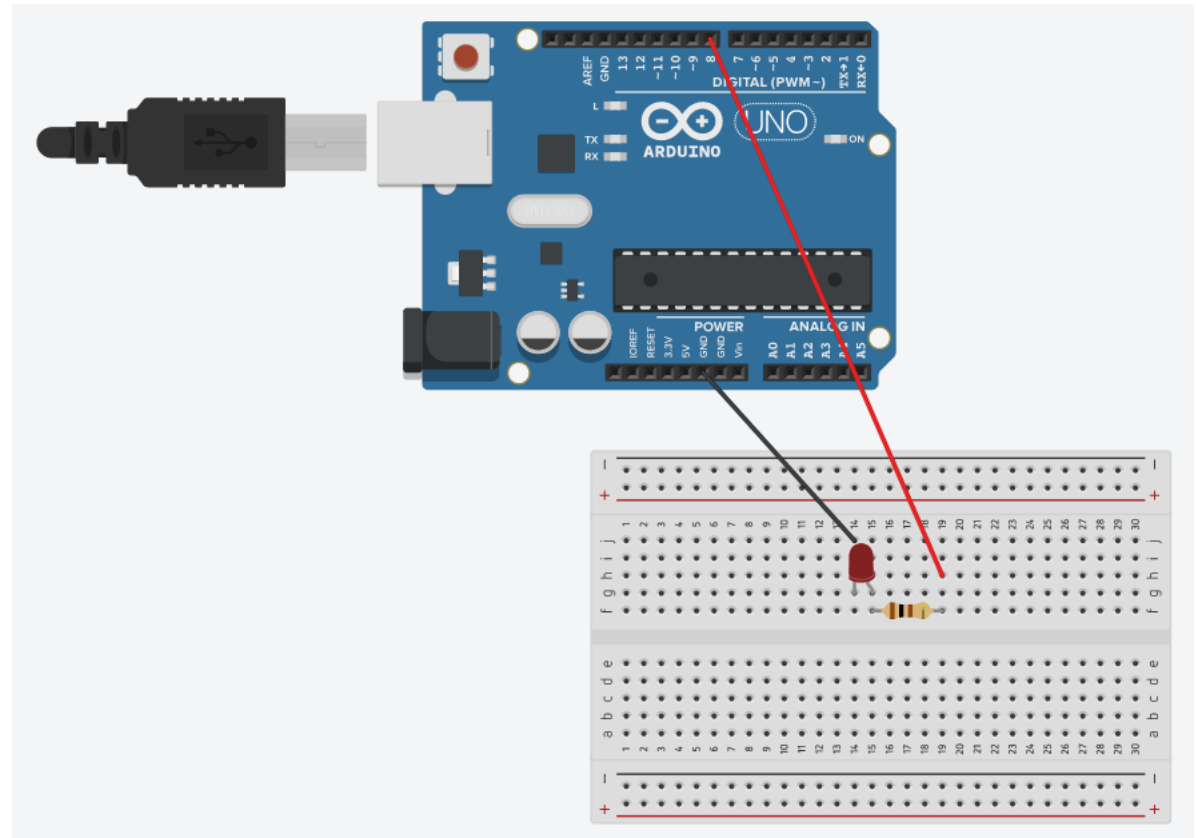
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**05 – LED externo**

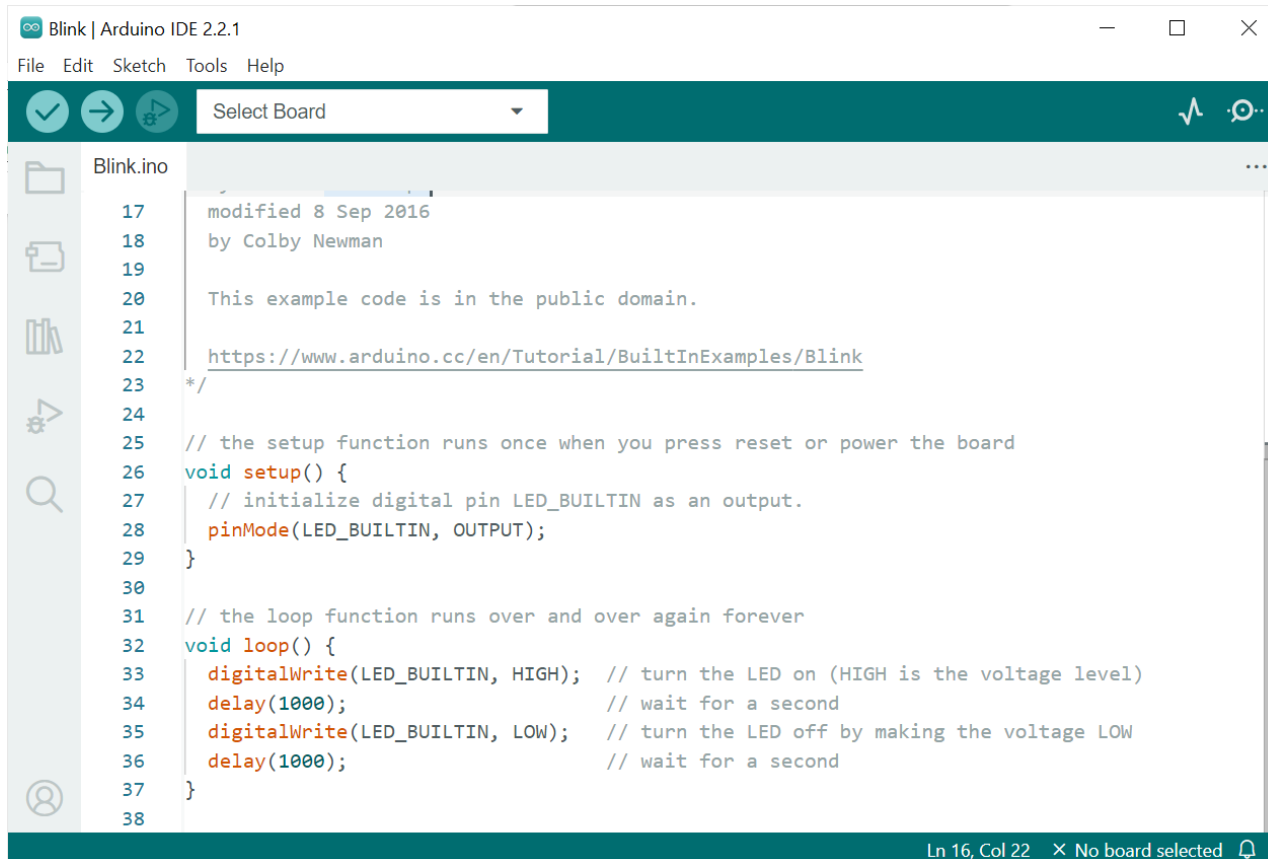
# Led Externo

- Realizar o acionamento de um LED utilizando a porta digital 8, no formato de pisca-pisca.



# Exemplo Blink

- File>Example>Basics>Blink

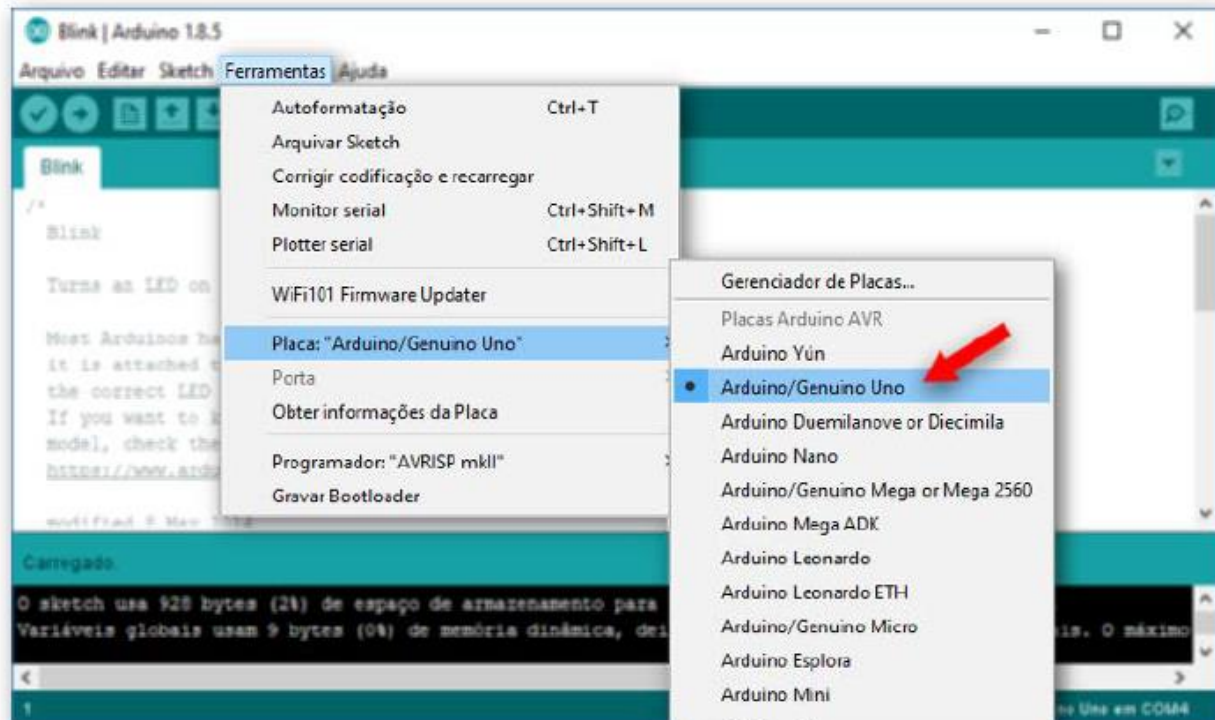


The screenshot shows the Arduino IDE 2.2.1 interface. The title bar reads "Blink | Arduino IDE 2.2.1". The menu bar includes "File", "Edit", "Sketch", "Tools", and "Help". The toolbar contains icons for a checkmark, a right arrow, a magnifying glass, and a "Select Board" dropdown menu. The left sidebar shows a file explorer with "Blink.ino" selected. The main editor area displays the following code:

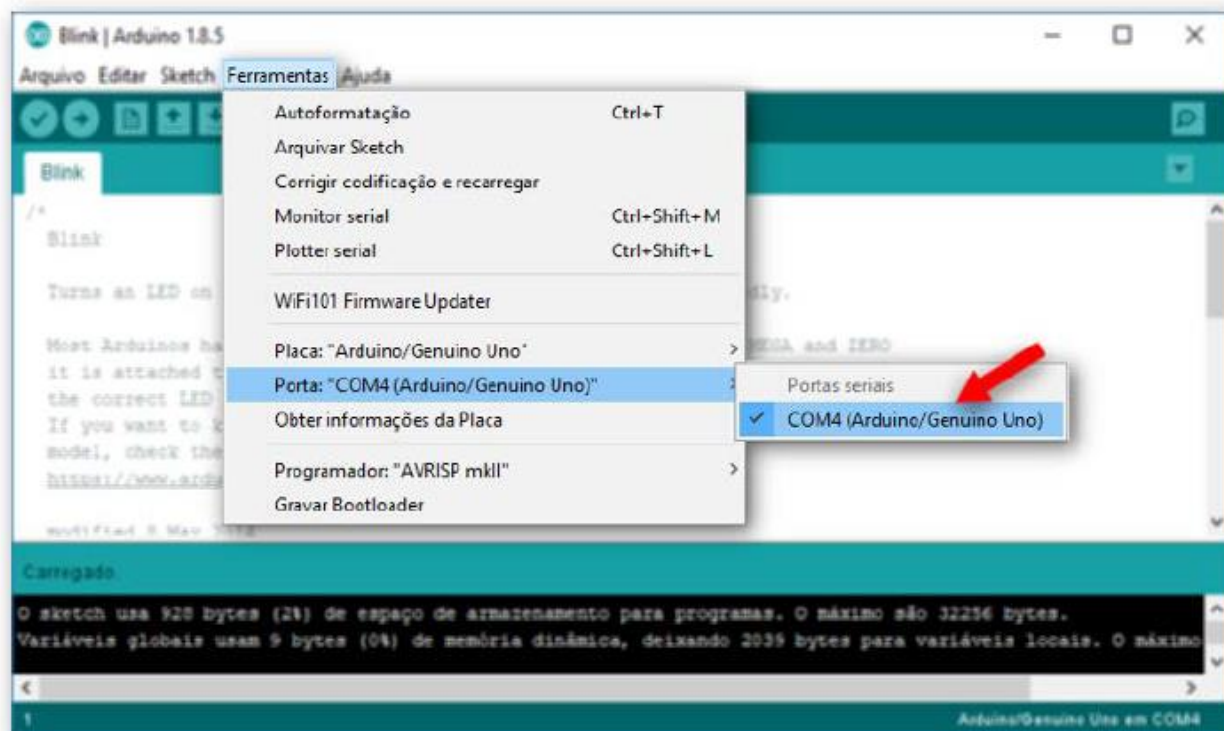
```
17  modified 8 Sep 2016
18  by Colby Newman
19
20  This example code is in the public domain.
21
22  https://www.arduino.cc/en/Tutorial/BuiltInExamples/Blink
23  */
24
25  // the setup function runs once when you press reset or power the board
26  void setup() {
27    // initialize digital pin LED_BUILTIN as an output.
28    pinMode(LED_BUILTIN, OUTPUT);
29  }
30
31  // the loop function runs over and over again forever
32  void loop() {
33    digitalWrite(LED_BUILTIN, HIGH); // turn the LED on (HIGH is the voltage level)
34    delay(1000); // wait for a second
35    digitalWrite(LED_BUILTIN, LOW); // turn the LED off by making the voltage LOW
36    delay(1000); // wait for a second
37  }
38
```

The status bar at the bottom indicates "Ln 16, Col 22" and "No board selected".

# Escolha a Placa



# Escolha a Porta



# Verifique e Carregue o Sketch para a placa do Arduino

