

Arduino



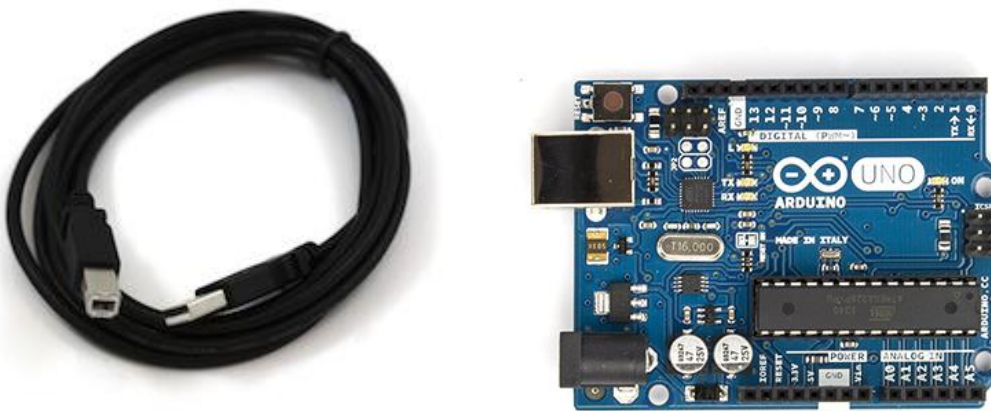
I'm Learning about
Making an LED Blink

Card 1 of 2

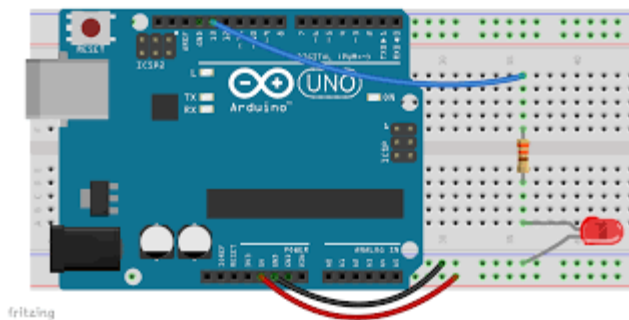
1 Before using your Arduino you need to download software and drives from the Arduino web site

<https://www.arduino.cc/en/Main/Software>

2 Now we can connect our Arduino to the PC using the USB lead



3 Now we can make a simple circuit using the Arduino



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4 Now we can make a simple program to make the LED Blink

A screenshot of the Arduino IDE interface. The title bar reads "Blink | Arduino 1.0". The menu bar includes "File", "Edit", "Sketch", "Tools", and "Help". Below the menu bar is a toolbar with icons for opening, saving, and running sketches. The main text area contains the following code:

```
/*
  Blink
  Turns on an LED on for one second, then off for one second, repeatedly.
  This example code is in the public domain.
  */

void setup() {
  // initialize the digital pin as an output.
  // Pin 13 has an LED connected on most Arduino boards:
  pinMode(13, OUTPUT);
}

void loop() {
  digitalWrite(13, HIGH); // set the LED on
  delay(1000);             // wait for a second
  digitalWrite(13, LOW);  // set the LED off
  delay(1000);             // wait for a second
}
```

The status bar at the bottom shows "3" on the left and "Arduino Uno on COM16" on the right.