

# INTRO: What is Arduino



# INTRO: Arduino IDE



# INTRO: Learning Resources



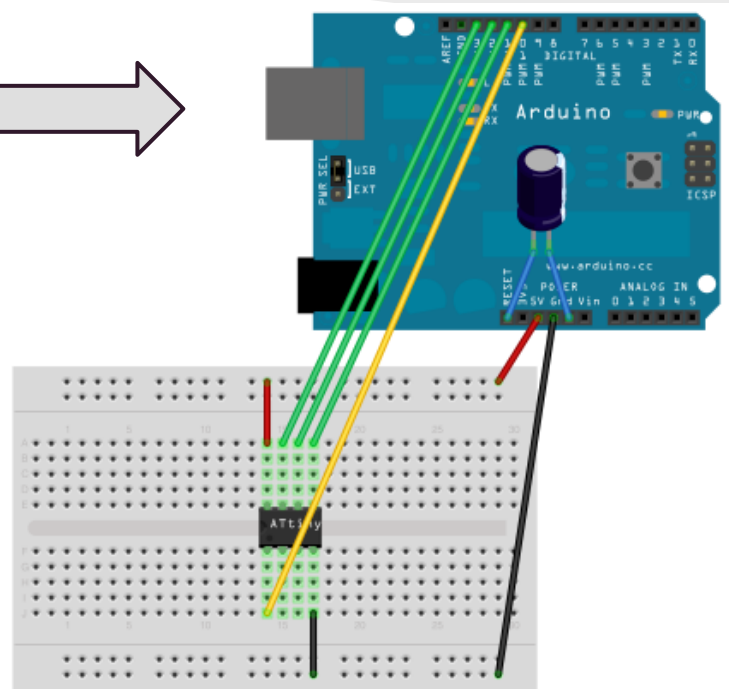
# INTRO: Projects to make



# What is Arduino:

```
void setup() {  
  }  
  
void loop() {  
  }  
}
```

ARDUINO SOFTWARE



# What is Arduino:

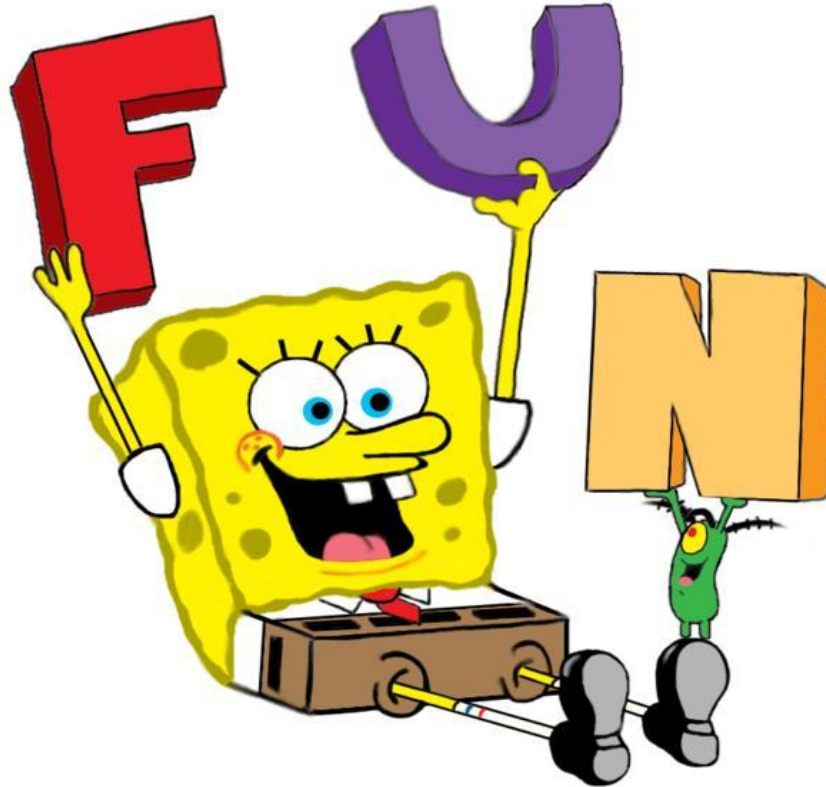


open source  
hardware

# What is Arduino:

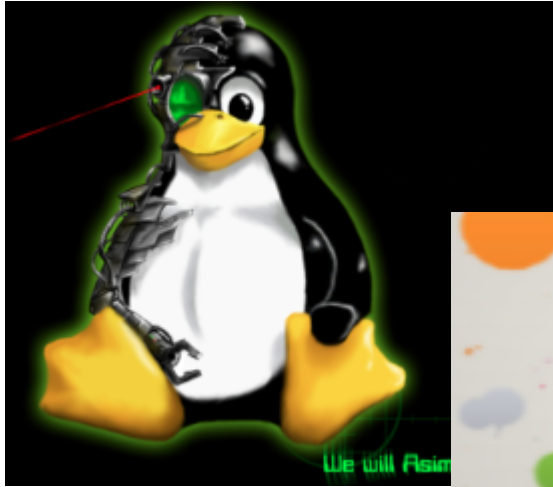


# What is Arduino:

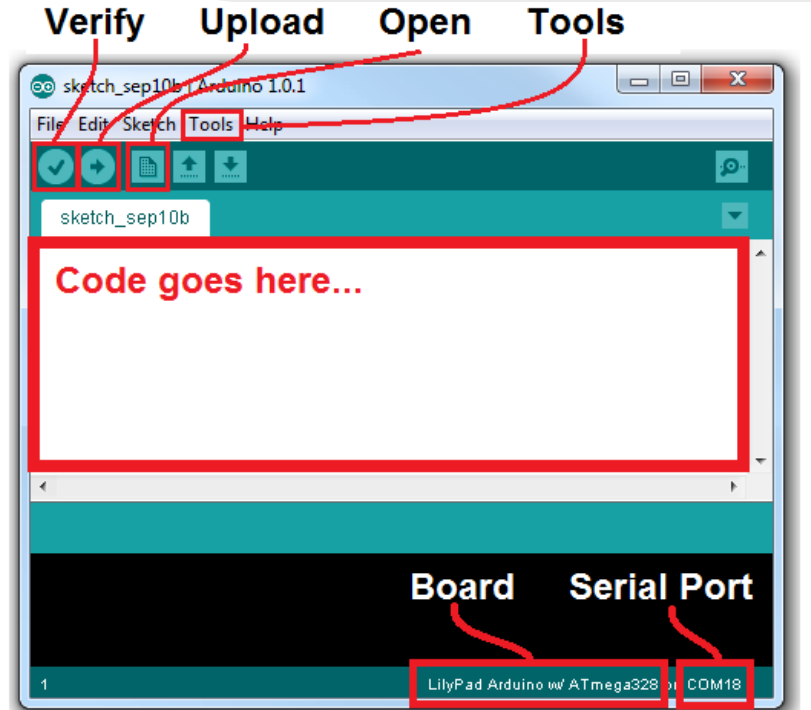
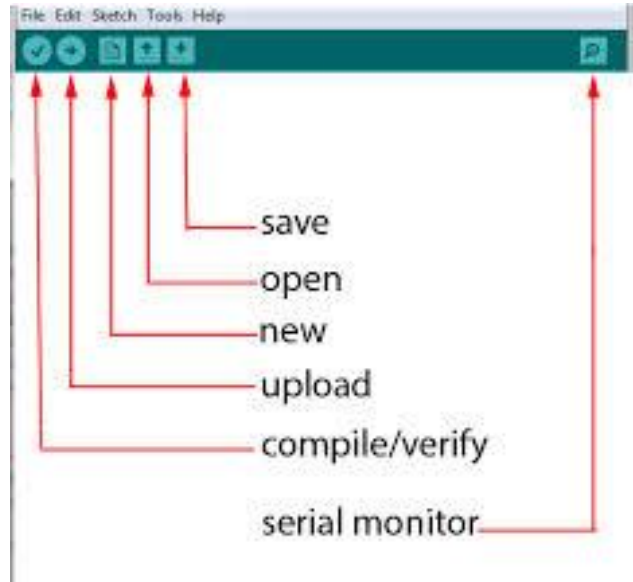




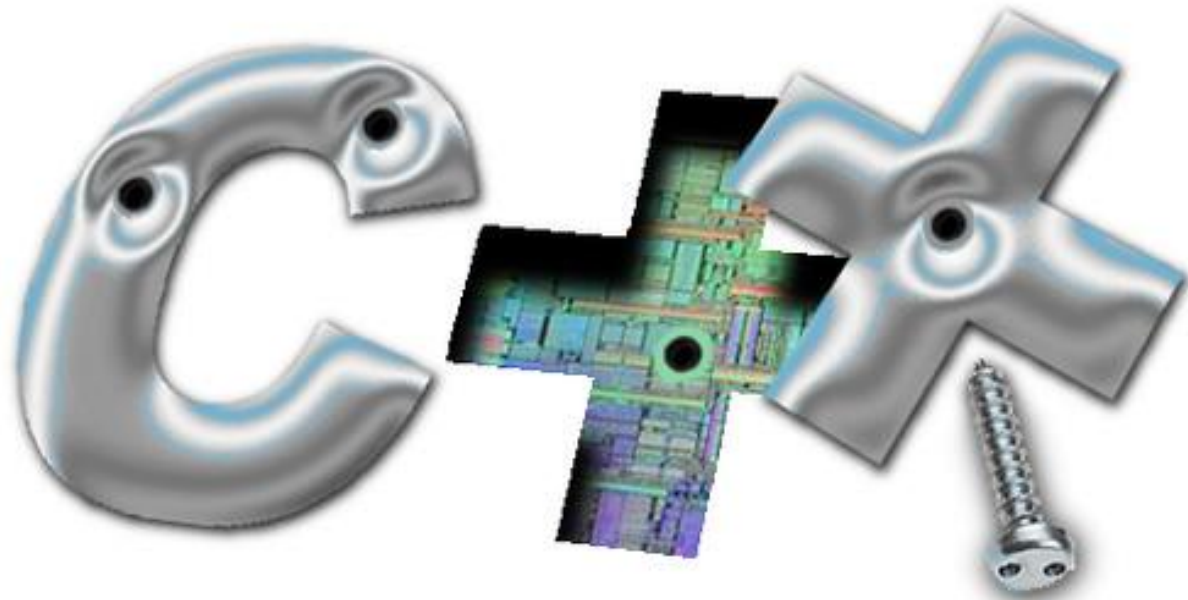
# Arduino IDE



# Arduino IDE



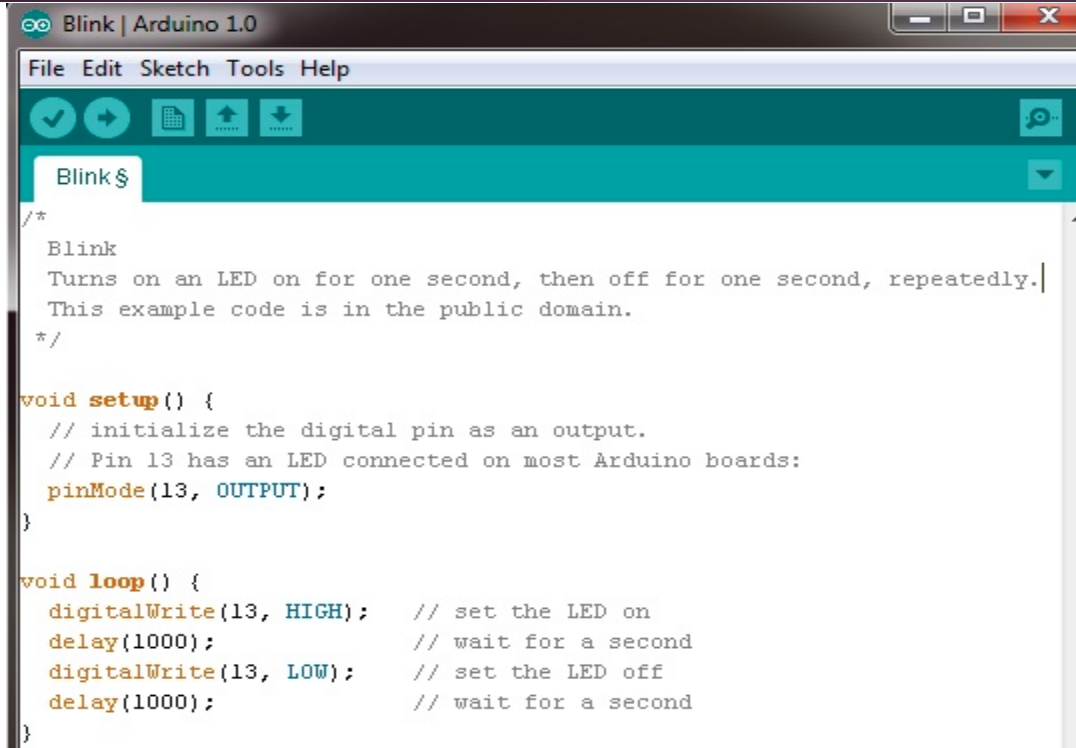
# Arduino IDE



C / C++

BASED

# Arduino IDE

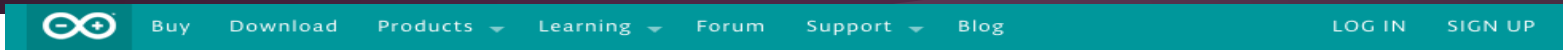
A screenshot of the Arduino IDE interface. The window title is "Blink | Arduino 1.0". The menu bar includes "File", "Edit", "Sketch", "Tools", and "Help". Below the menu bar is a toolbar with icons for a checkmark, a right arrow, a document, an upload arrow, a download arrow, and a speech bubble. The main text area shows the code for the "Blink" sketch. The code is as follows:

```
/*
 * 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
}
```

# Learning Resources



WHAT IS ARDUINO?




BUY



HACKED

Manufactured under license from Arduino by SMART PROJECTS S.r.l. Via Romano, 12 10010 Scarmagno Italy



CASA JASMINA

OPEN SOURCE WAY CONNECTED HOME

Jasmina is a two-year pilot in the space of domestic wireless networking, or, the Internet of Things in the Home.

ARDUINO.CC

LEARN ARDUINO



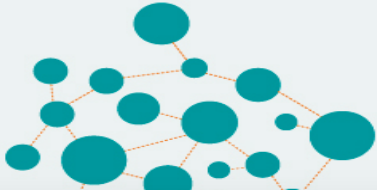

ARDUINO ATHEART



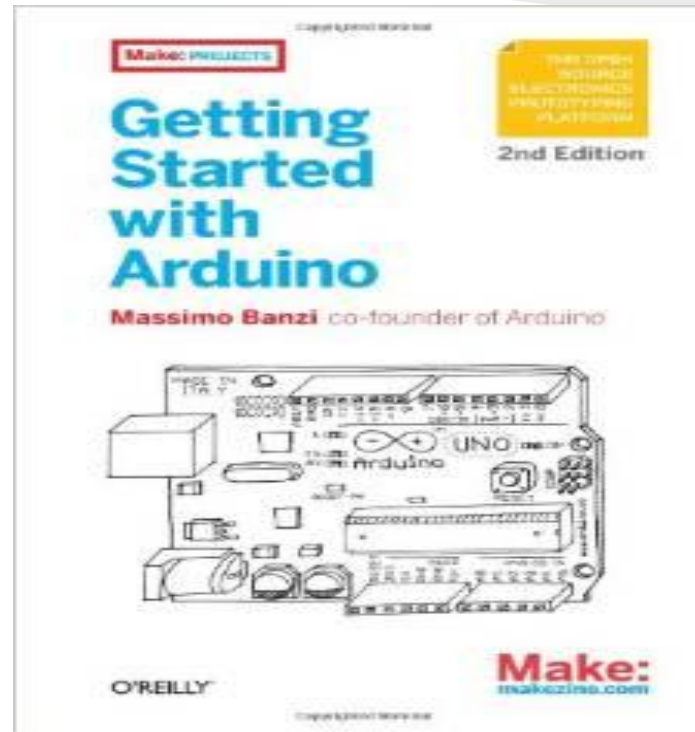
Designed for makers and companies wanting to make their products easily recognizable as based on the

YOUR ARDUINO PACKAGES!

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# Learning Resources



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**F**  **RUM**

# Learning Resources





# Projects to Make



# Projects to Make: LED/LCD Screens



# Projects to Make: Piano Gloves



<https://vimeo.com/7992026>

# Projects to Make: Home Automation

