

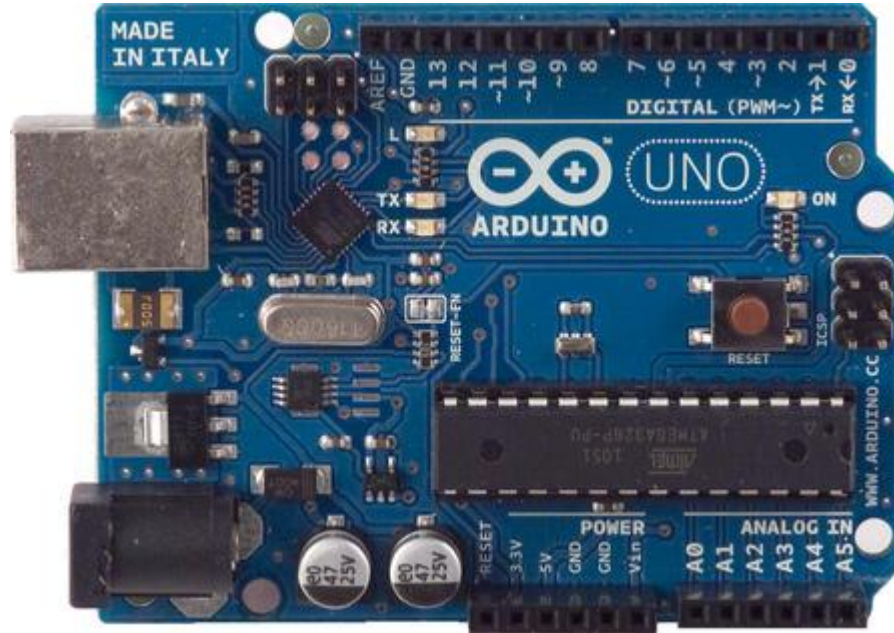
Arduino

By Amoni Brown

PetchaKucha

IMT 1102

INTRO: What is Arduino



INTRO: Arduino IDE



INTRO: Learning Resources



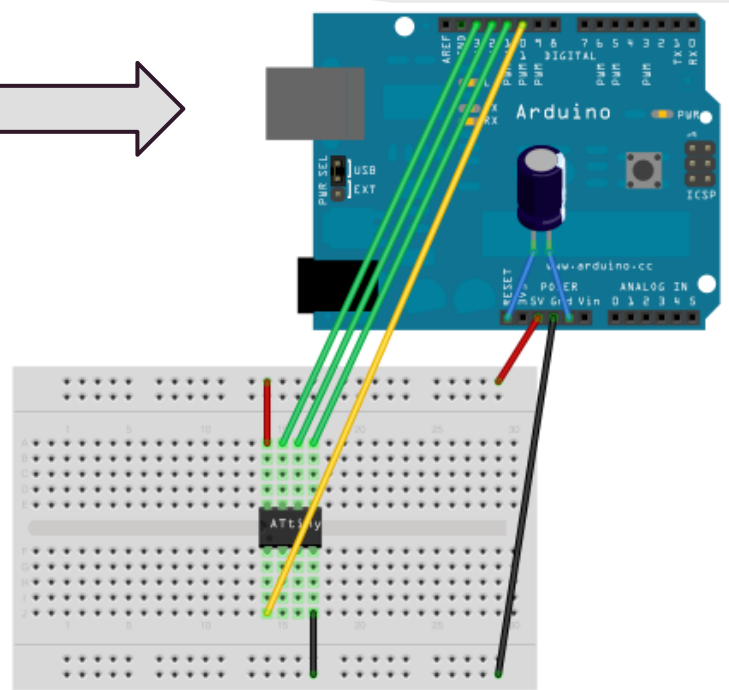
INTRO: Projects to make



What is Arduino:

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

ARDUINO SOFTWARE



What is Arduino:

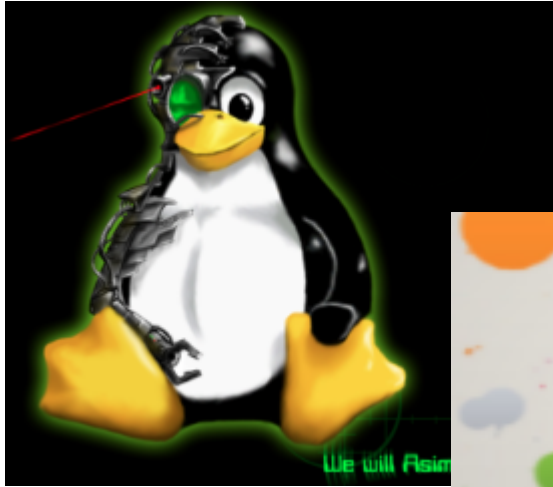


open source
hardware

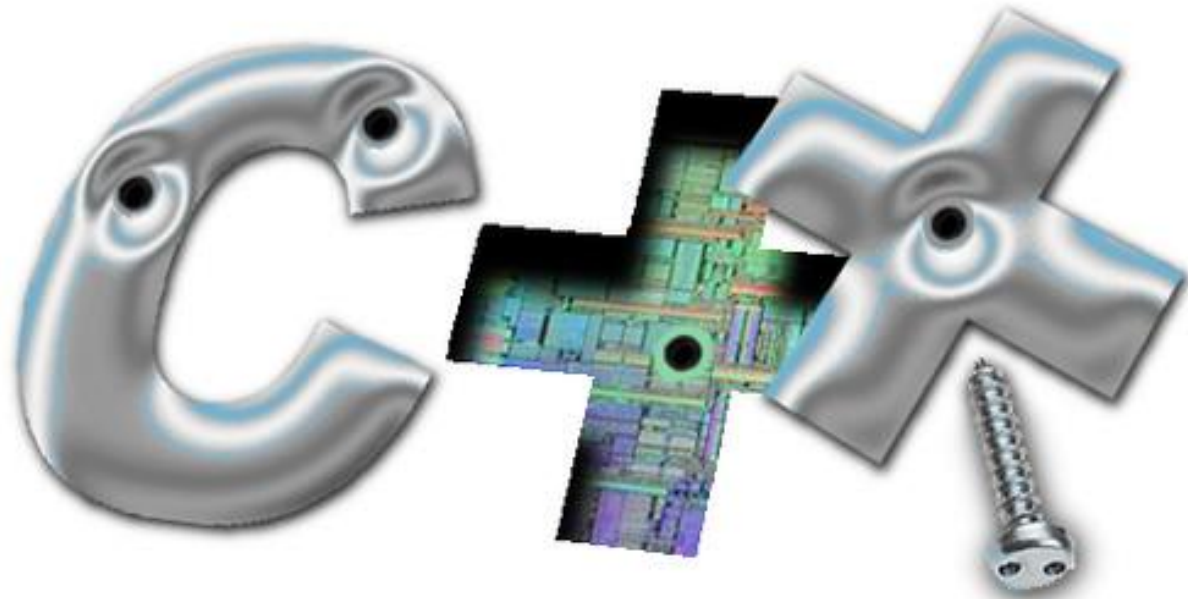
What is Arduino:



Arduino IDE



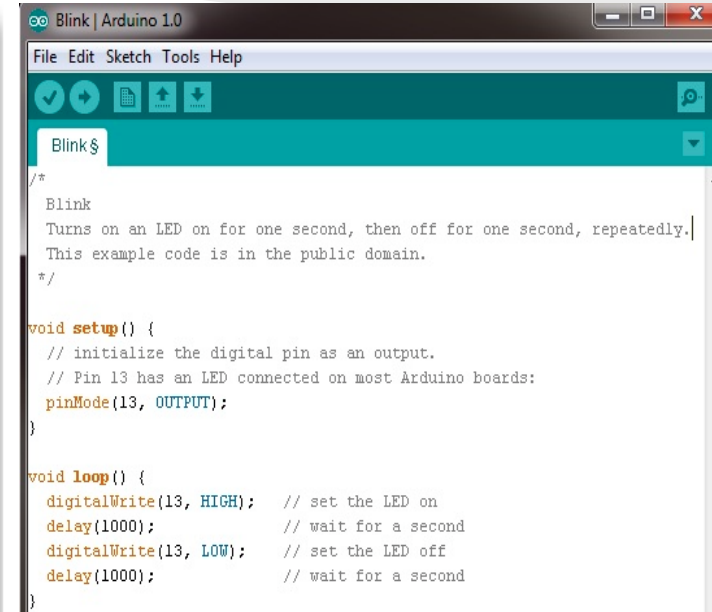
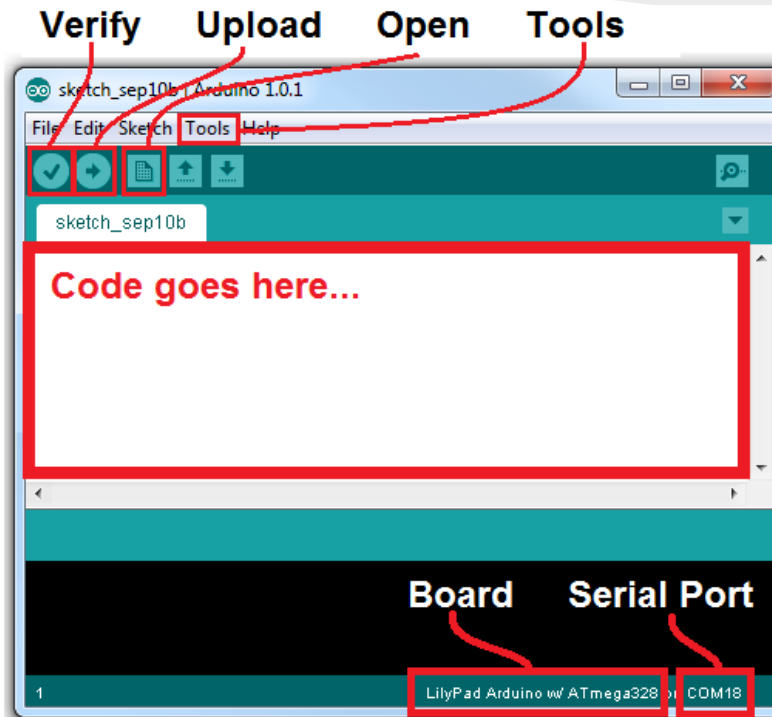
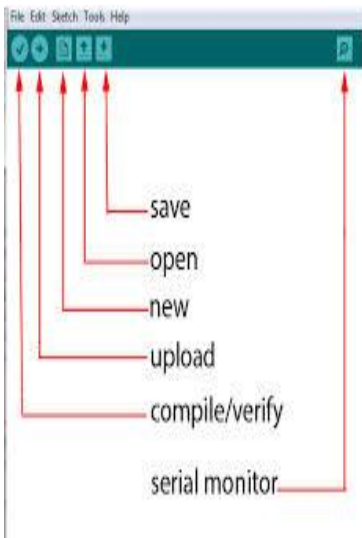
Arduino IDE



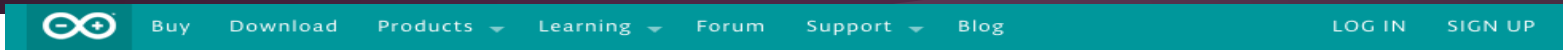
C / C++

BASED


Arduino IDE



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.

LEARN ARDUINO



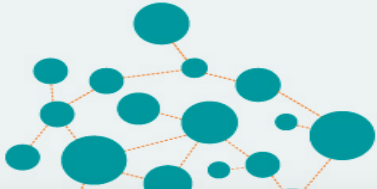
YOUR ARDUINO PACKAGES!

ARDUINO ATHEART

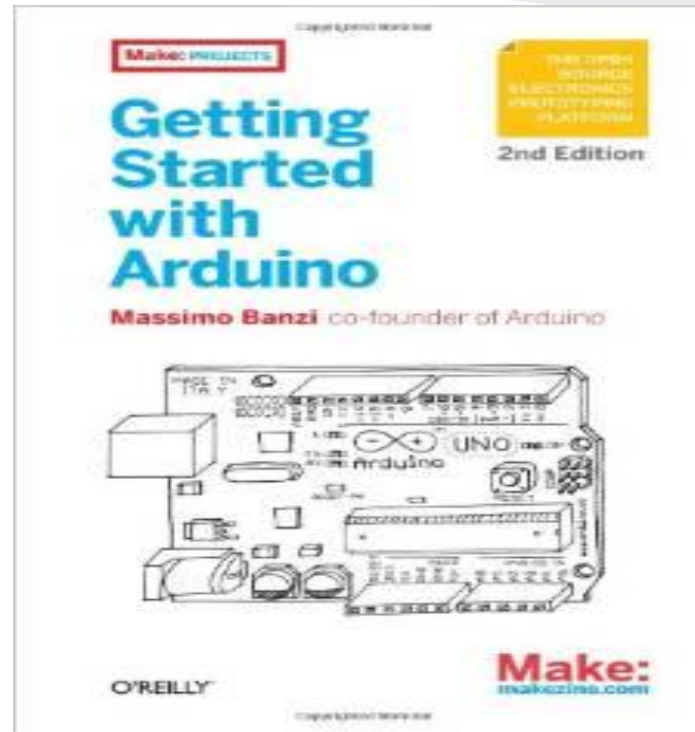


Designed for makers and companies wanting to make their products easily recognizable as based on the

ARDUINO MEGA,
MORE POWER TO
YOUR PROJECTS!
SHOP NOW



Learning Resources



Learning Resources



F  **RUM**

Learning Resources



Projects to Make



Projects to Make: LED/LCD Screens

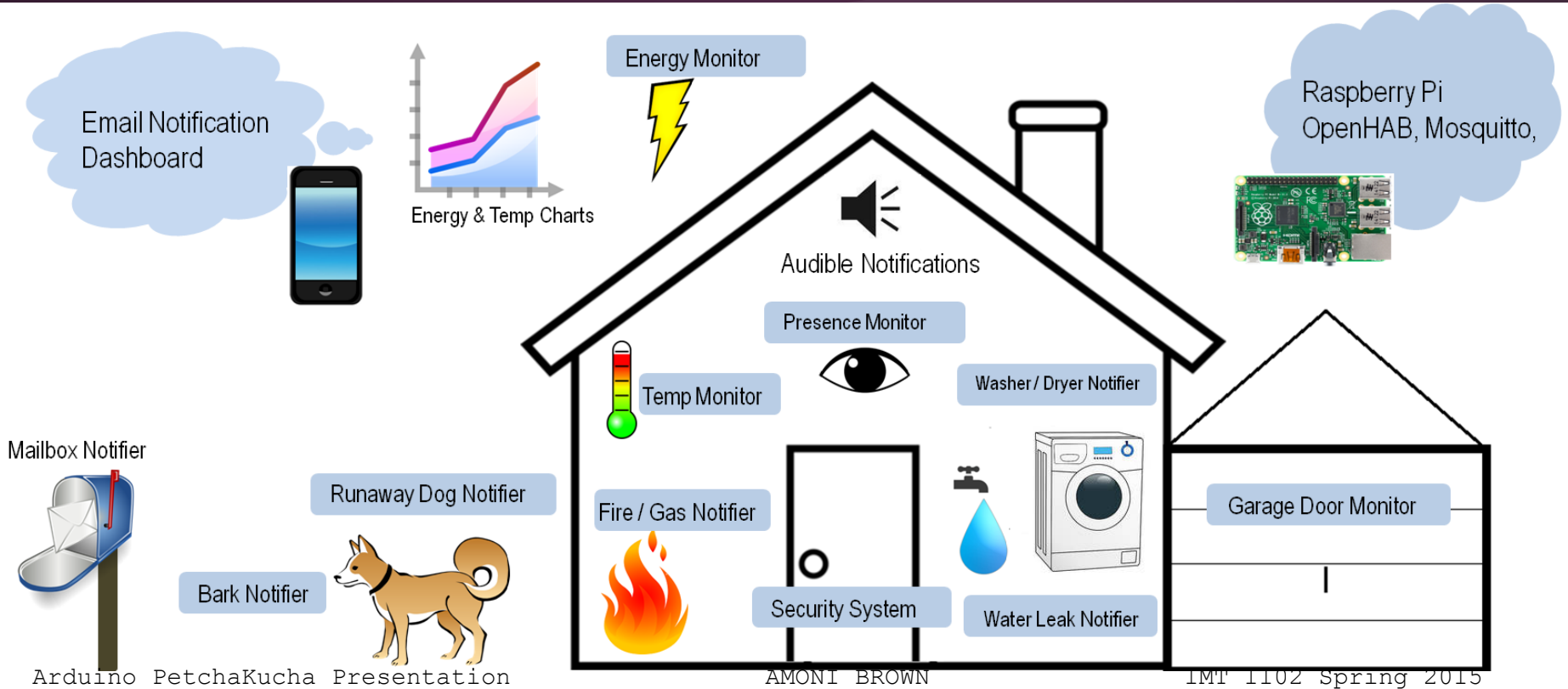


Projects to Make: Piano Gloves

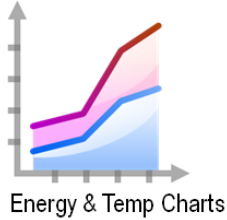


<https://vimeo.com/7992026>

Projects to Make: Home Automation



Email Notification Dashboard



Energy Monitor



Audible Notifications

Presence Monitor



Temp Monitor



Washer / Dryer Notifier



Garage Door Monitor

Fire / Gas Notifier



Security System

Water Leak Notifier



Mailbox Notifier



Runaway Dog Notifier



Bark Notifier

Fin

Any Questions?