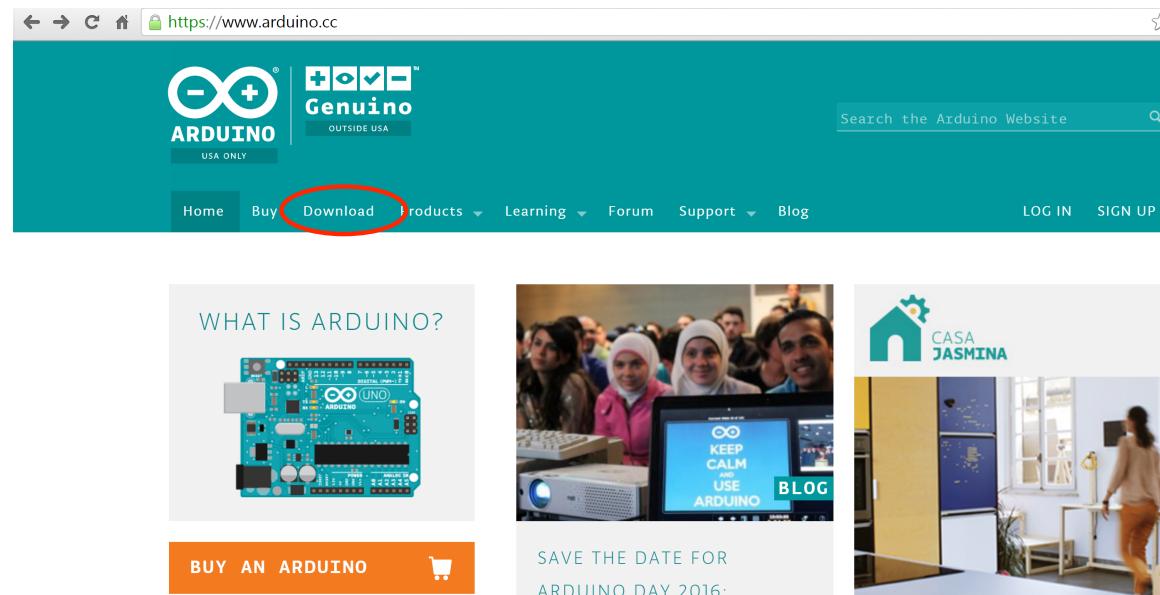


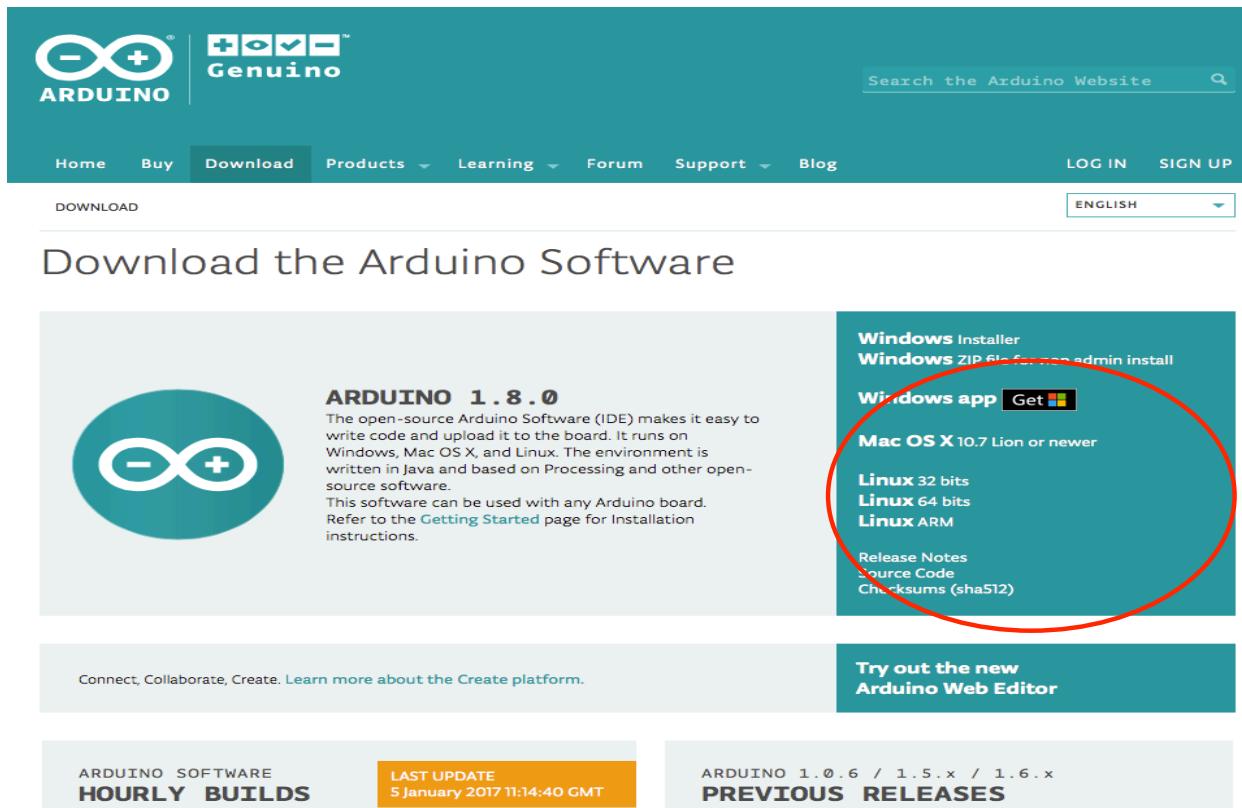
Arduino Installer Tutorial



1. Go to: www.Arduino.cc
2. Click on "Download"



Click on your “Operative System”



The screenshot shows the Arduino Software (IDE) download page. At the top, there are links for Home, Buy, Download (which is highlighted in blue), Products, Learning, Forum, Support, and Blog. On the right, there are buttons for LOG IN and SIGN UP, and a language dropdown set to ENGLISH. A search bar at the top right contains the placeholder "Search the Arduino Website". Below the main navigation, there's a "DOWNLOAD" button.

Download the Arduino Software

ARDUINO 1.8.0

The open-source Arduino Software (IDE) makes it easy to write code and upload it to the board. It runs on Windows, Mac OS X, and Linux. The environment is written in Java and based on Processing and other open-source software. This software can be used with any Arduino board. Refer to the [Getting Started](#) page for Installation instructions.

Windows Installer
Windows ZIP file for non-admin install
Windows app Get 

Mac OS X 10.7 Lion or newer

Linux 32 bits
Linux 64 bits
Linux ARM

[Release Notes](#)
[Source Code](#)
[Checksums \(sha512\)](#)

Connect, Collaborate, Create. [Learn more about the Create platform.](#)

Try out the new [Arduino Web Editor](#)

ARDUINO SOFTWARE
HOURLY BUILDS

LAST UPDATE
5 January 2017 11:14:40 GMT

ARDUINO 1.0.6 / 1.5.x / 1.6.x
PREVIOUS RELEASES

Click on “Just Download” or “Contribute & Download”,

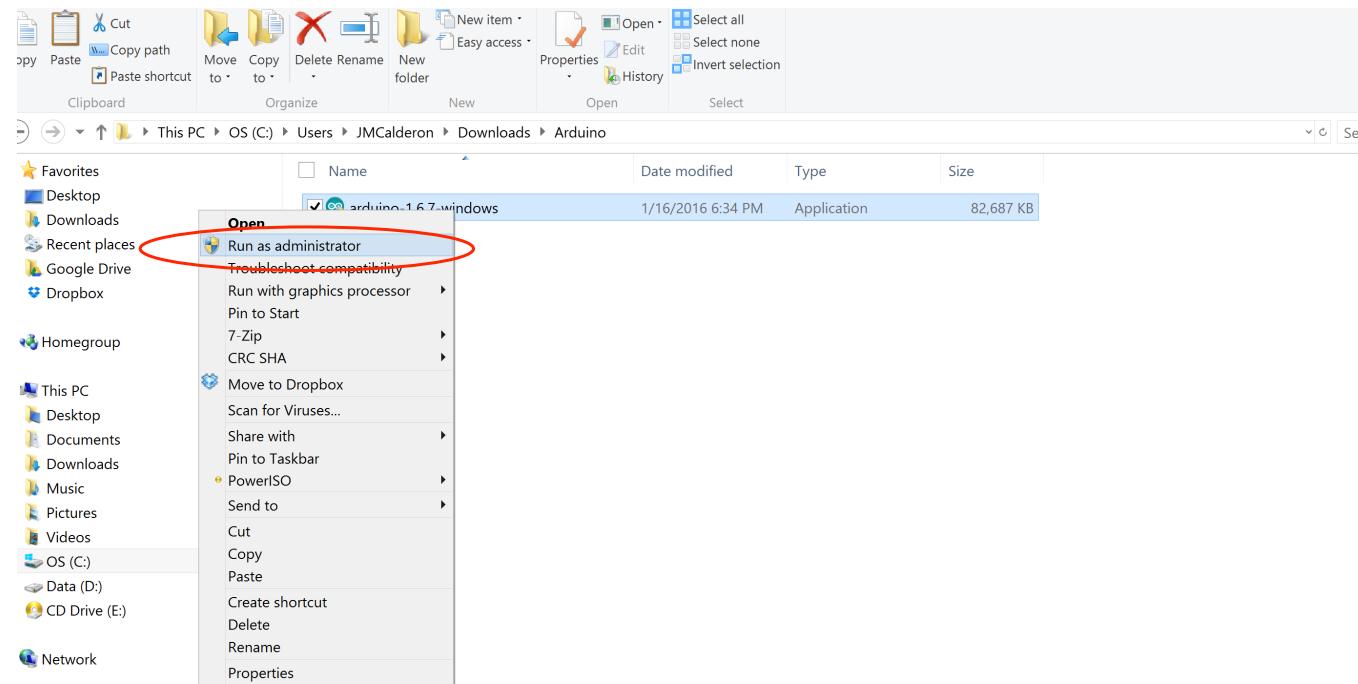


Contribute to the Arduino Software

Consider supporting the Arduino Software by contributing to its development. (US tax payers, please note this contribution is not tax deductible). [Learn more on how your contribution will be used.](#)



**Right Click on Downloaded file
Select “Run as administrator”**





Arduino Setup: License Agreement



Please review the license agreement before installing Arduino. If you accept all terms of the agreement, click I Agree.

GNU LESSER GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

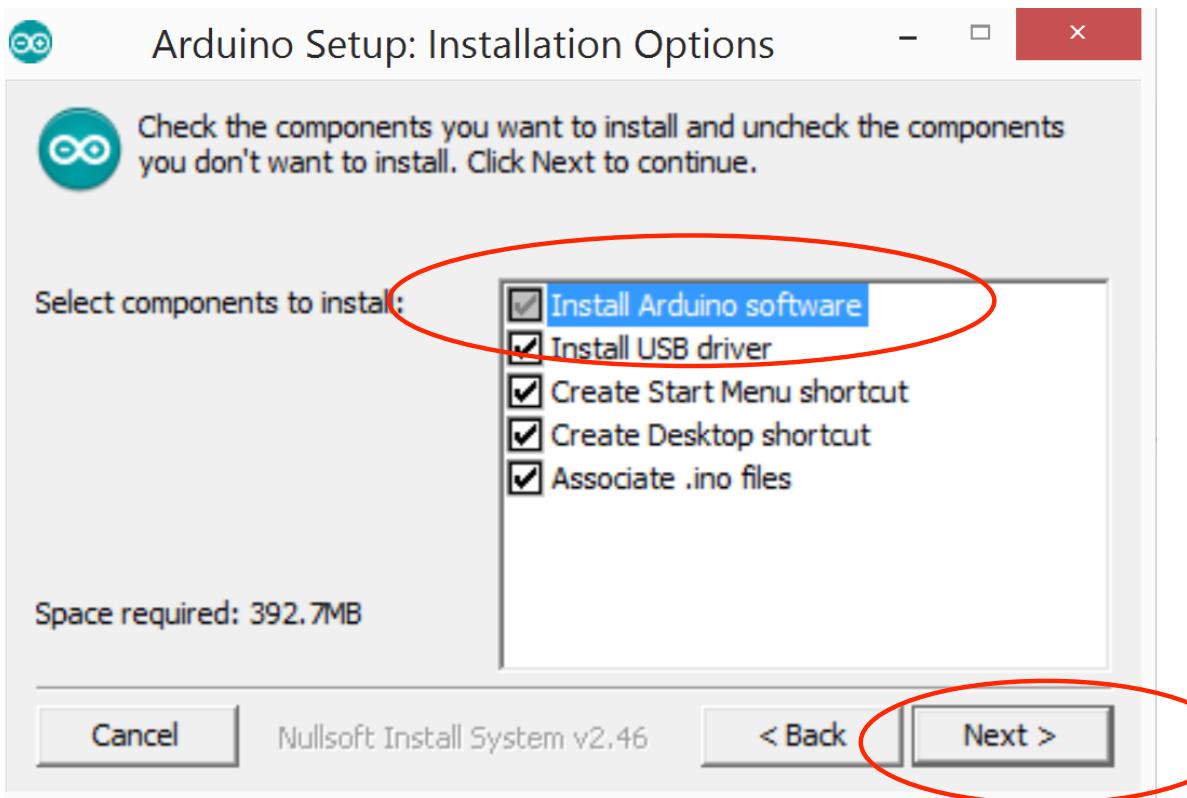
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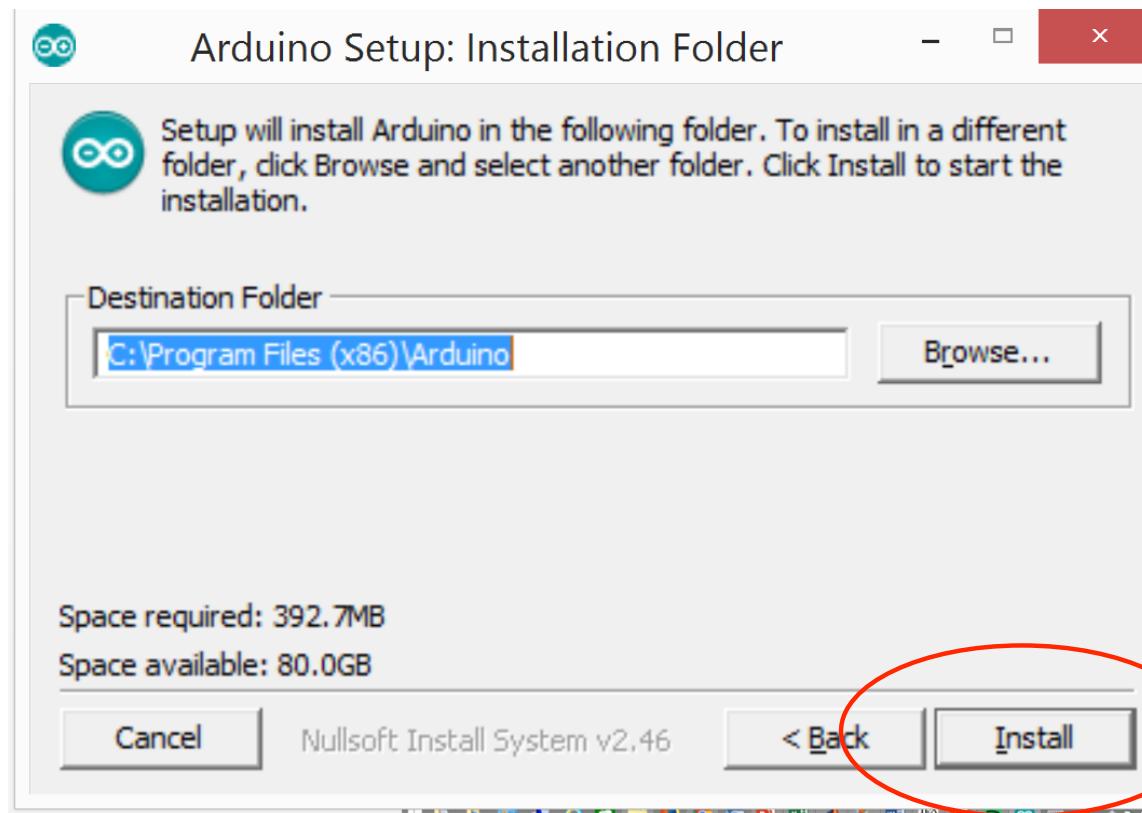
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[Cancel](#)

Nullsoft Install System v2.46

[I Agree](#)



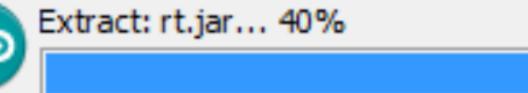




Arduino Setup: Installing



Extract: rt.jar... 40%



[Show details](#)

[Cancel](#)

Nullsoft Install System v2.46

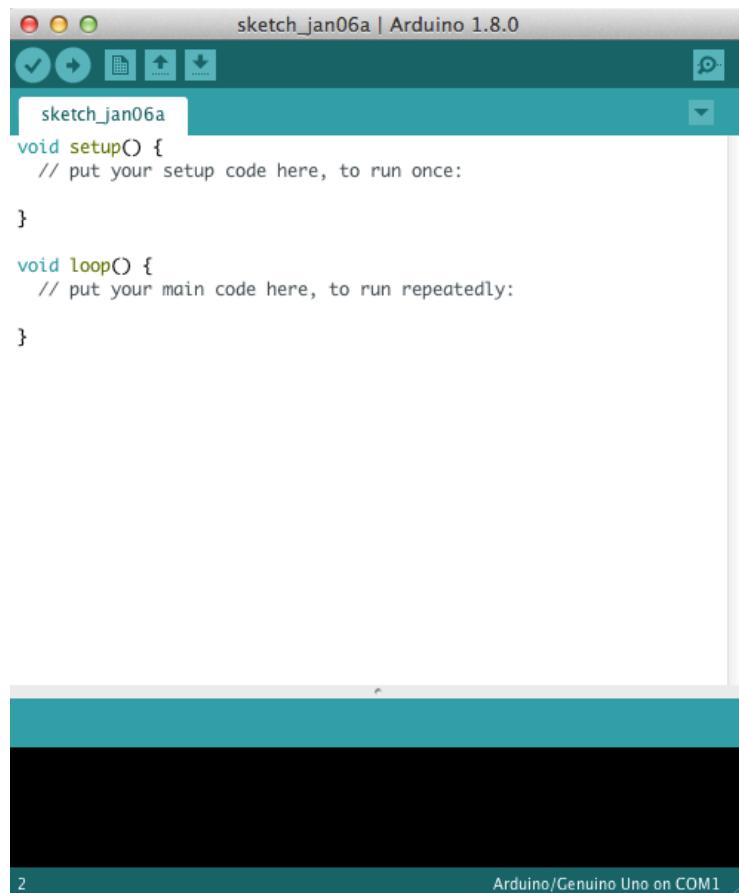
[< Back](#)

[Close](#)

Open Arduino Program



Arduino Main Page



The screenshot shows the Arduino IDE interface. The title bar reads "sketch_jan06a | Arduino 1.8.0". The main workspace contains the following code:

```
void setup() {
  // put your setup code here, to run once:
}

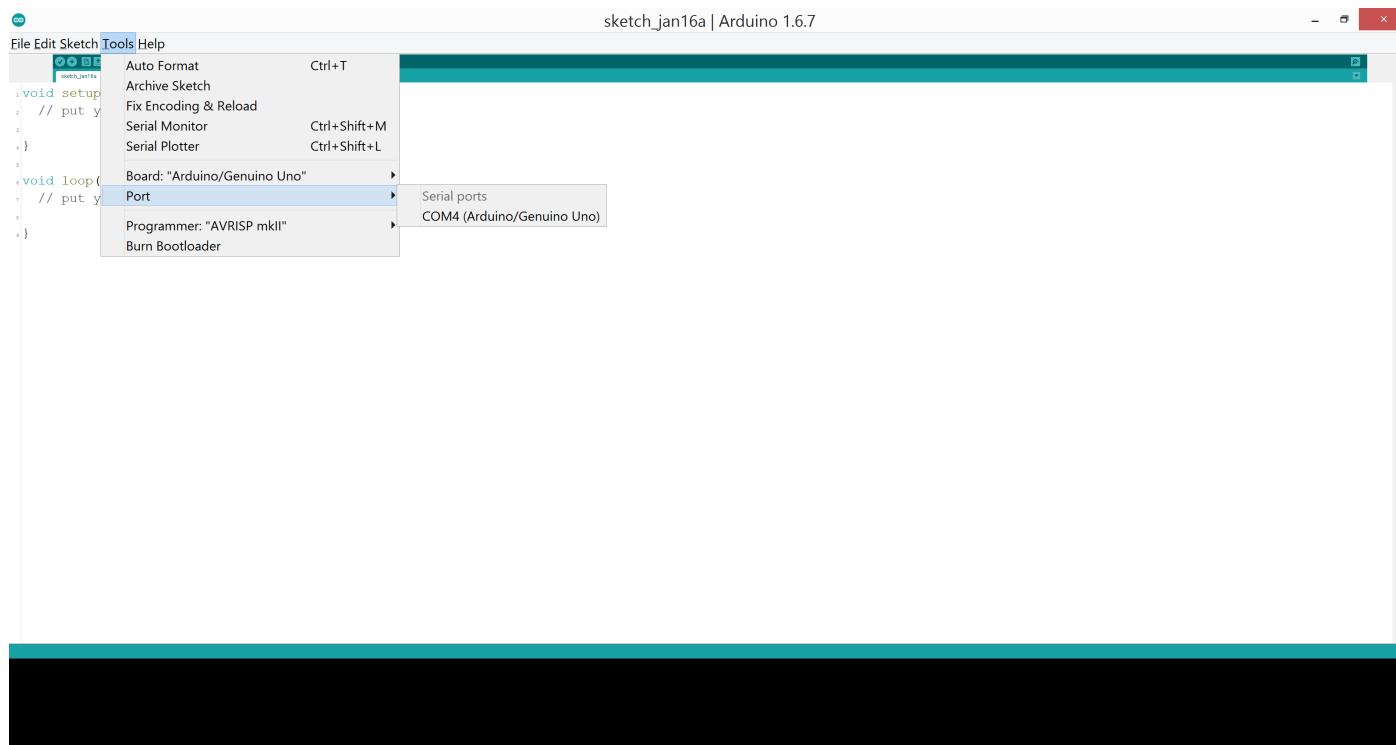
void loop() {
  // put your main code here, to run repeatedly:
}
```

The code editor has a dark background with syntax highlighting. The bottom status bar indicates "2" and "Arduino/Genuino Uno on COM1".

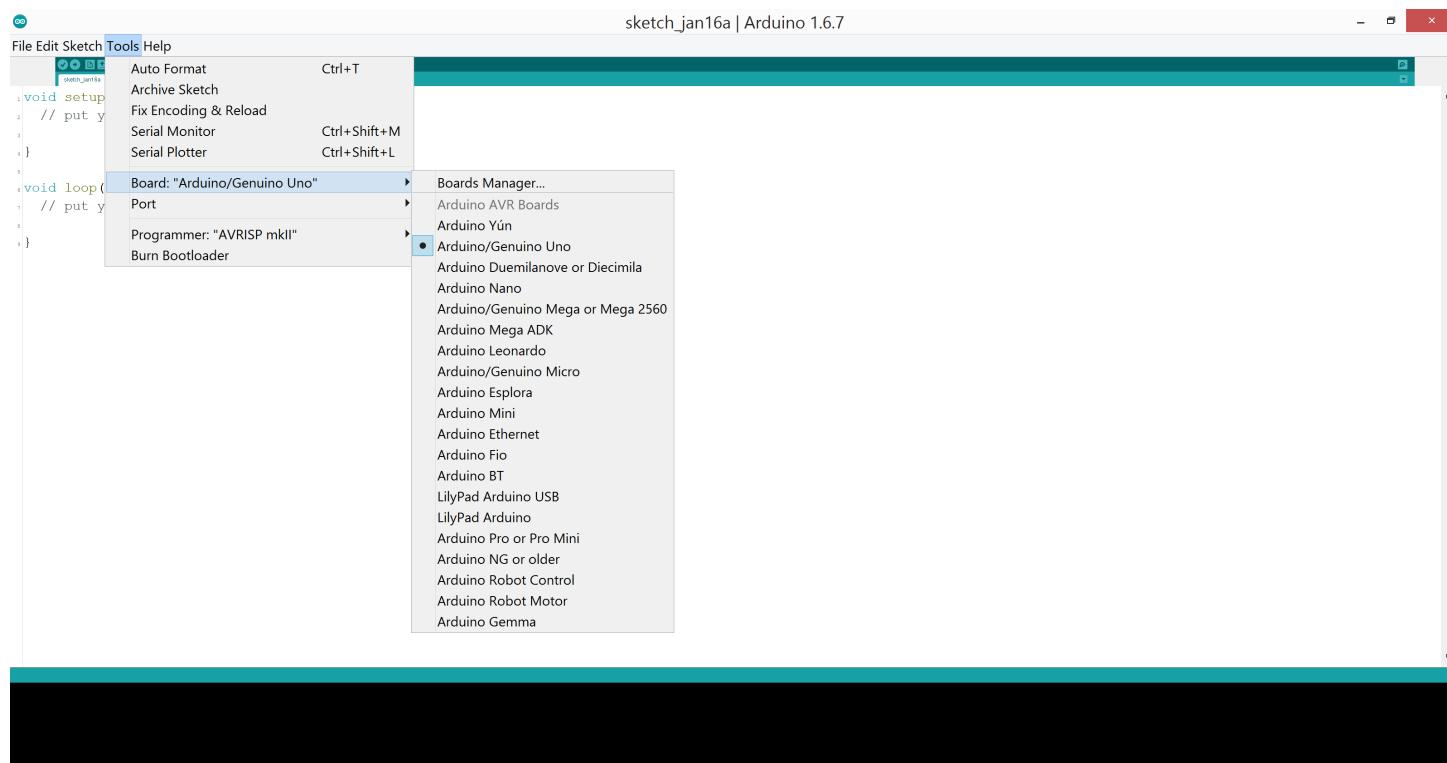
Connect the robot using “USB Cable” to the computer

Wait 10 seconds

Select “Tools”, “Port” and “COMx” according to your PC.



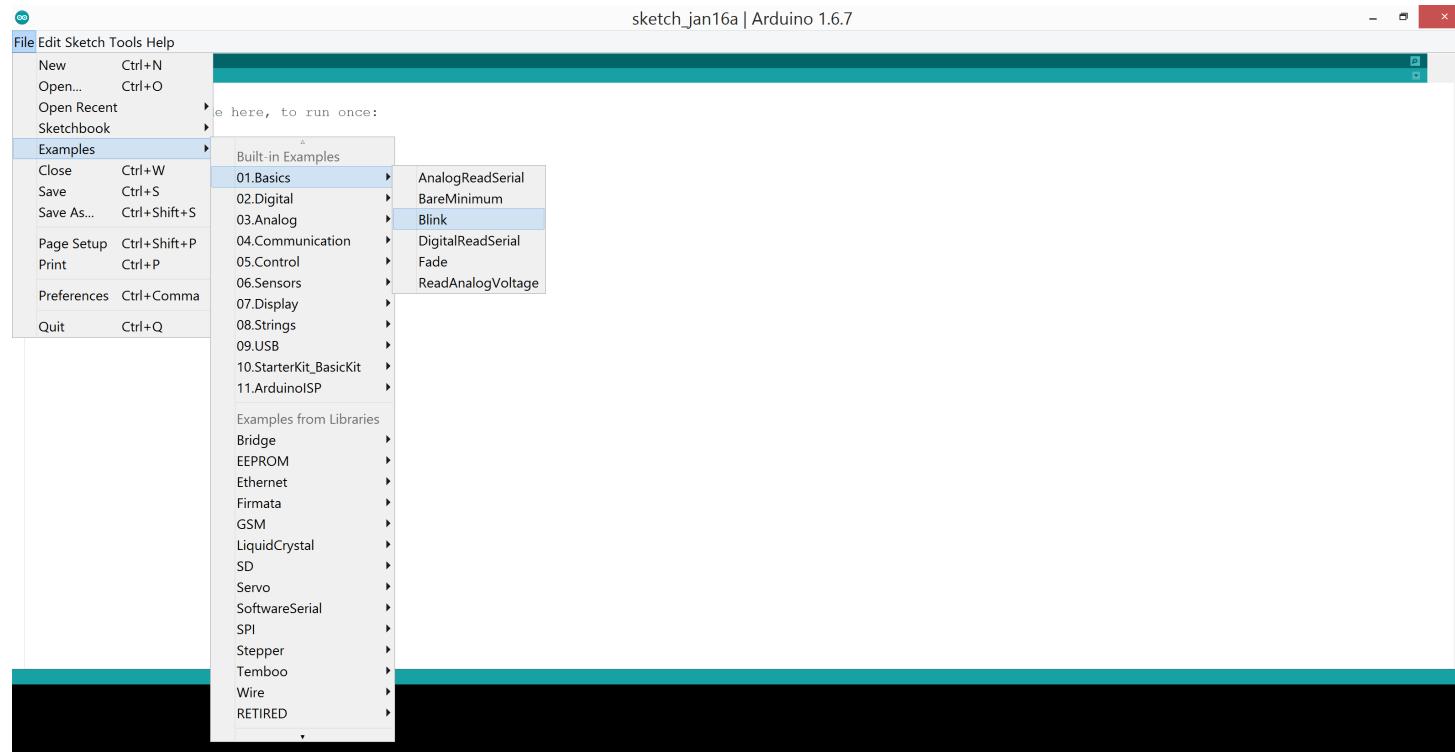
Select “Tools”, “Board:Arduino/Genuino UNO”, “Arduino/Genuino UNO”



Run an example or your designed file.

Example:

Select “File”, “Examples”, “0.1 Basics”, “Blink”



dit Sketch Tools

Click on :



dit Sketch Tools

Click on:



Blink | Arduino 1.6.7

```
File Edit Sketch Tools Help
Blink
1 * Blink
2 Turns on an LED on for one second, then off for one second, repeatedly.
3
4 Most Arduinos have an on-board LED you can control. On the Uno and
5 Leonardo, it is attached to digital pin 13. If you're unsure what
6 pin the on-board LED is connected to on your Arduino model, check
7 the documentation at http://www.arduino.cc
8
9 This example code is in the public domain.
10
11 modified 8 May 2014
12 by Scott Fitzgerald
13 */
14
15
16 // the setup function runs once when you press reset or power the board
17 void setup() {
18     // initialize digital pin 13 as an output.
19     pinMode(13, OUTPUT);
20 }
21
22 // the loop function runs over and over again forever
23 void loop() {
24     digitalWrite(13, HIGH);      // turn the LED on (HIGH is the voltage level)
25     delay(1000);                // wait for a second
26     digitalWrite(13, LOW);       // turn the LED off by making the voltage LOW
27     delay(1000);                // wait for a second
28 }
```