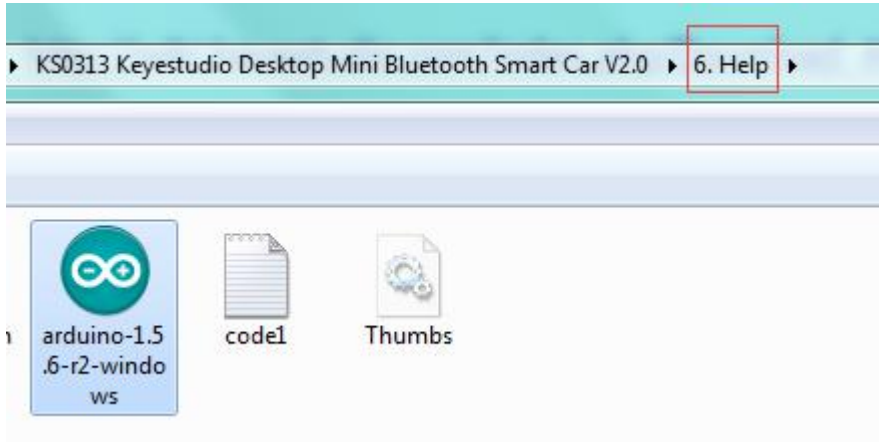
How to Install Arduino IDE and Driver ?

When getting started with this smart car kit, you need to use the software Arduino IDE. So how to install arduino software and driver? Take it easy, you can click the link below to check the step or take the following steps as reference. It is indeed easy for you get started with Adruino projects.

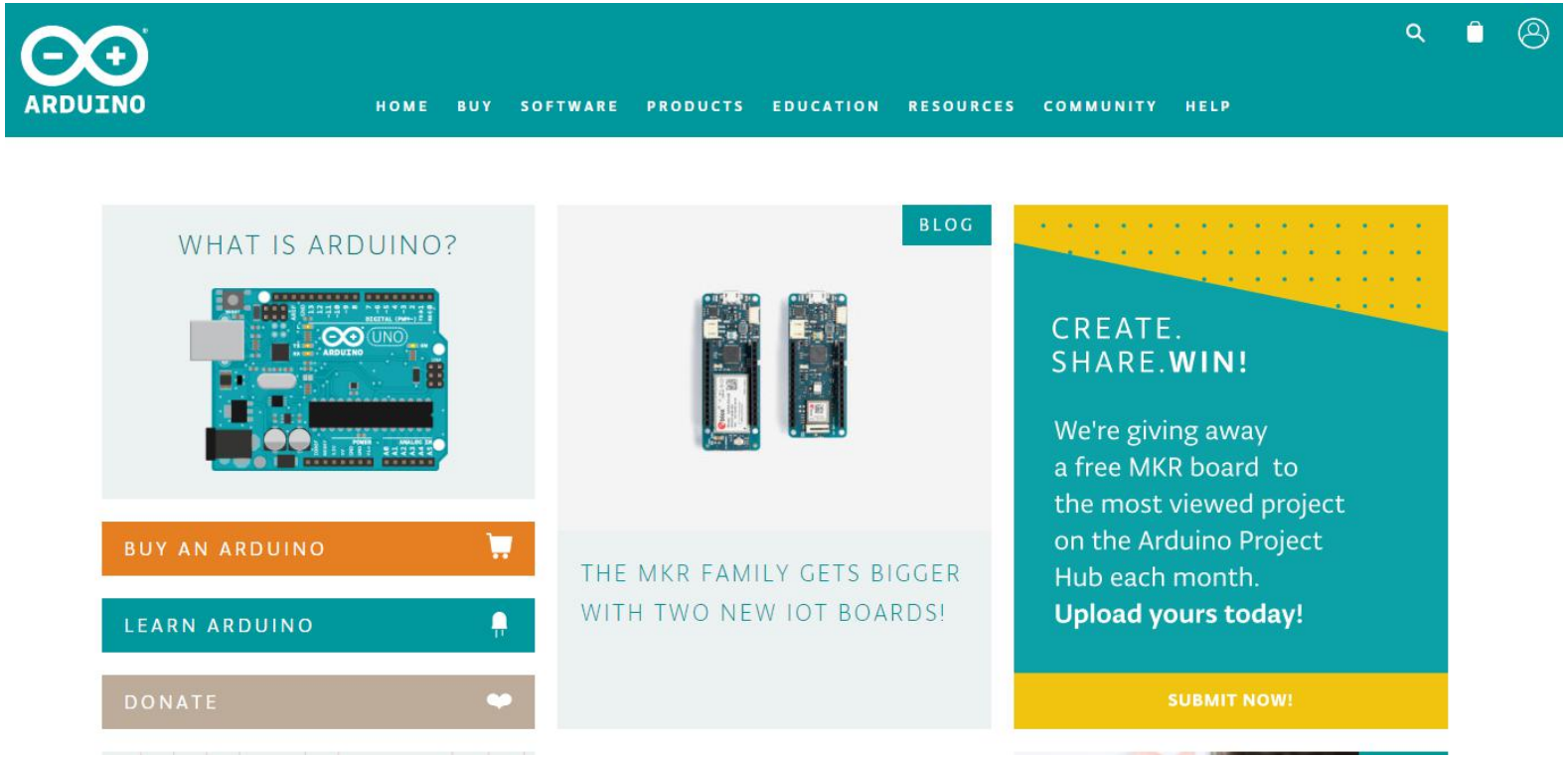
http://wiki.keyestudio.com/index.php/Download_Arduino_IDE_and_Install_Driver

Below is an example for you to get started with Arduino. In general, we have provided you with the software arduino-1.5.6-r2-windows, you can check it in the folder. It is very fast for you to click the icon of Arduino IDE to install it.

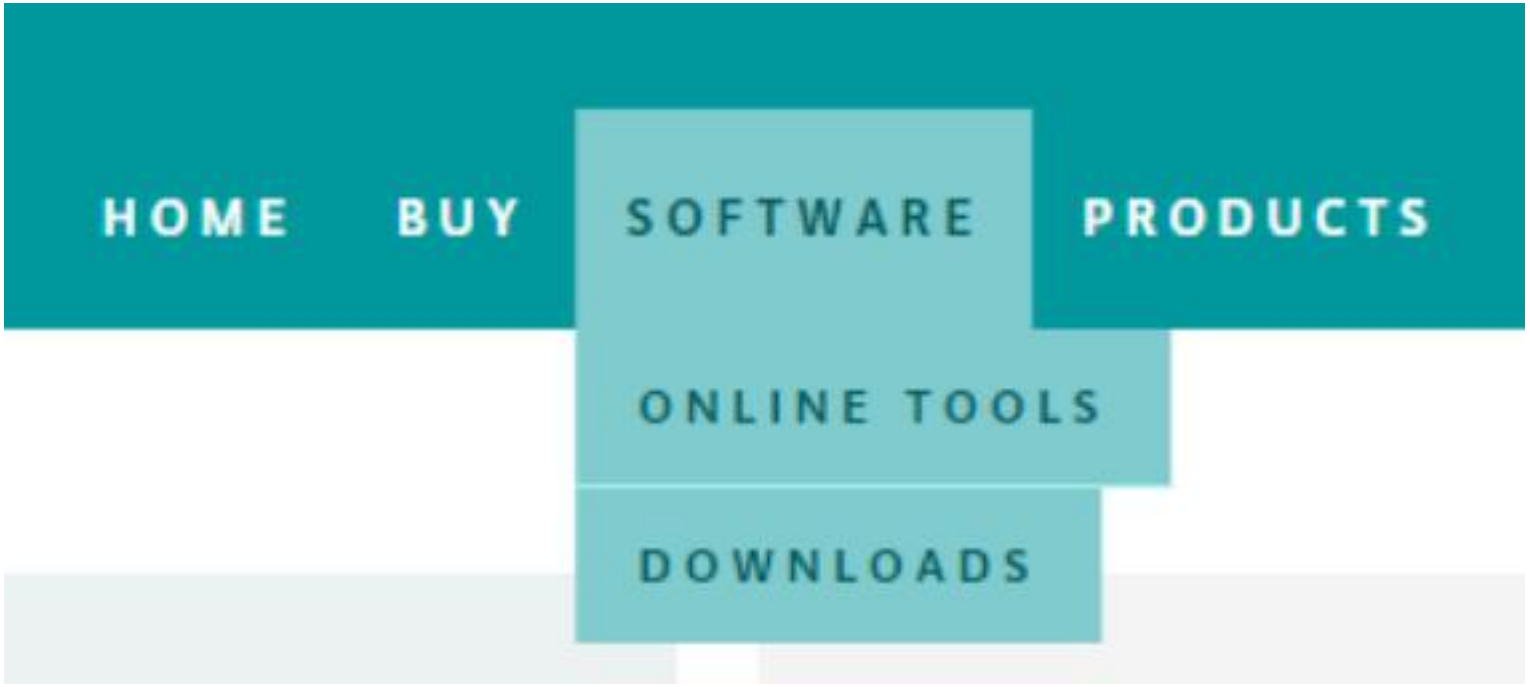


Installing Arduino IDE

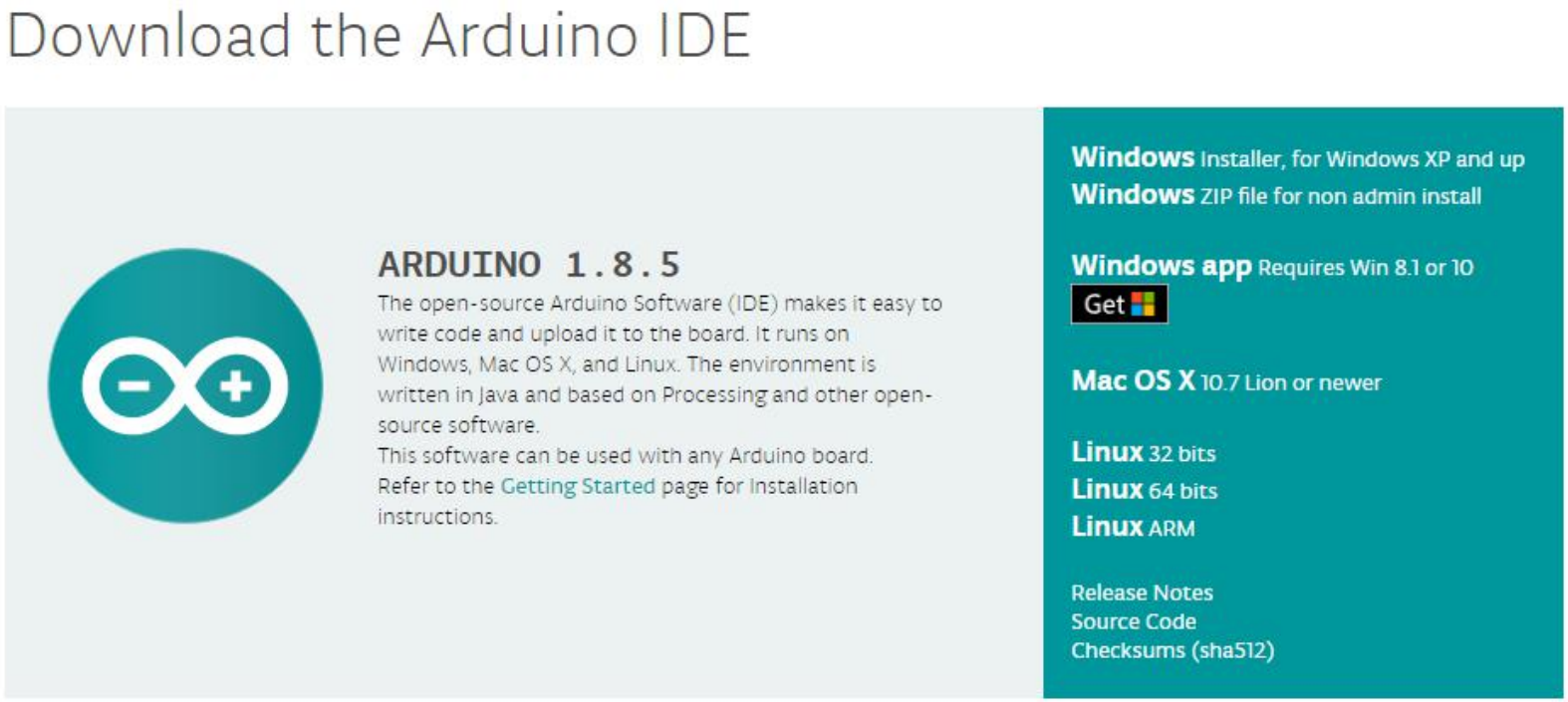
When you get the UNO development board, first you should install the software and driver of Arduino. Here you can browse the ARDUINO website at this link, https://www.arduino.cc, pop up the following interface.



Then click the SOFTWARE on the browse bar, you will have two options ONLINE TOOLS and DOWNLOADS.



Click DOWNLOADS, it will appear the latest software version of ARDUINO 1.8.5 shown as below.



In this software page, on the right side you can see the version of development software for different operating systems. So ARDUINO has a rather powerful compatibility. You should download

the software that is compatible with the operating system of your computer.
In our project, we will take WINDOWS system as an example here.
For simple installed version, first click Windows Installer, you will get the following page.

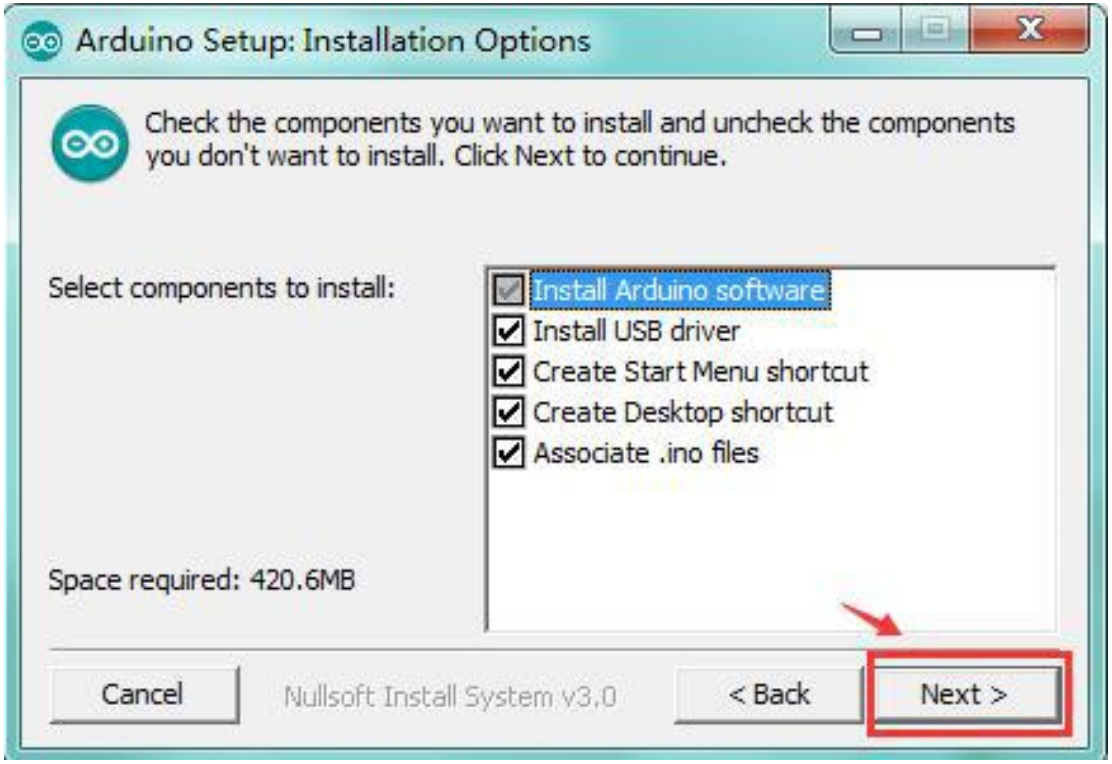
This way you just need to click JUST DOWNLOAD, then click the downloaded file to install it.

Click JUST DOWNLOAD, and when the ZIP file is downloaded well to your computer, you can directly unzip the file and then click the icon of ARDUINO program to start it.

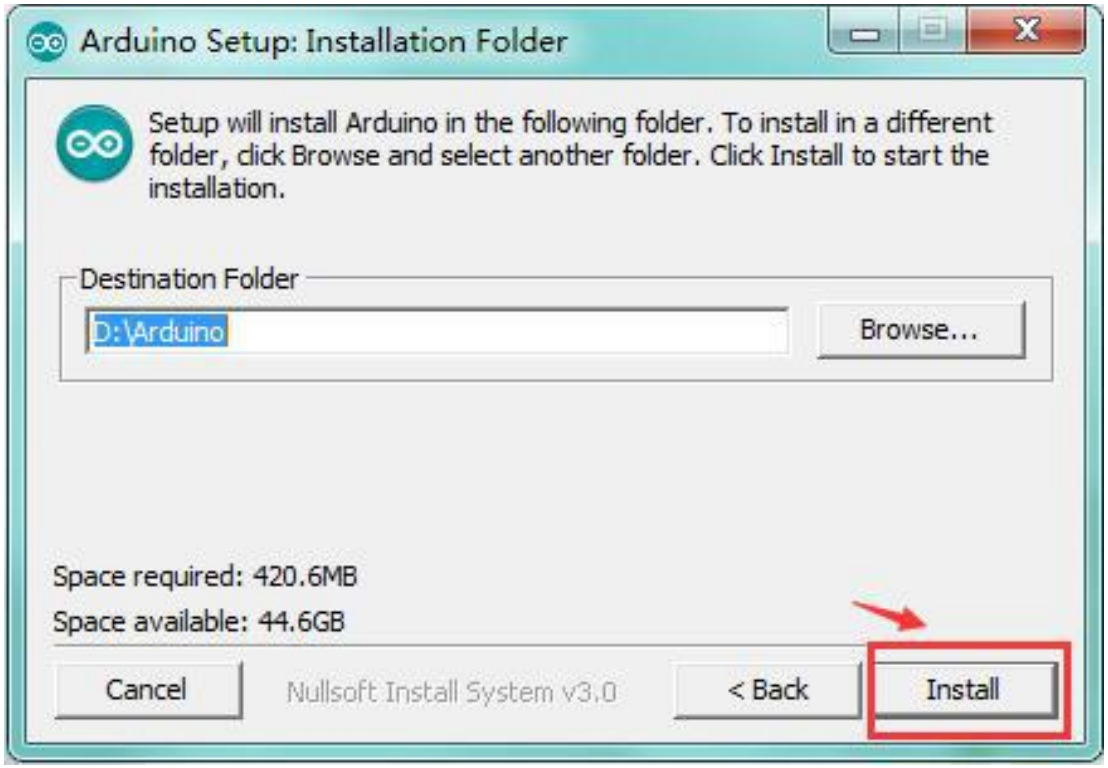
Installing Arduino (Windows)

Install Arduino with the exe. Installation package

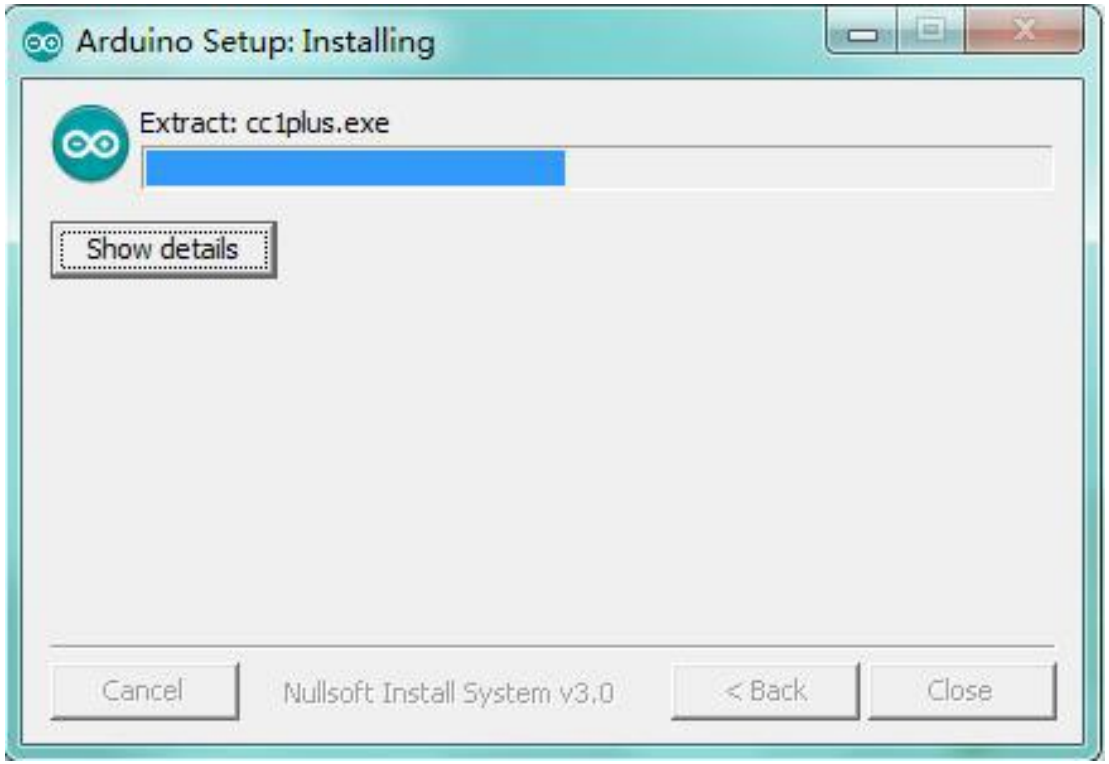
Click *"I Agree"* to see the following interface.



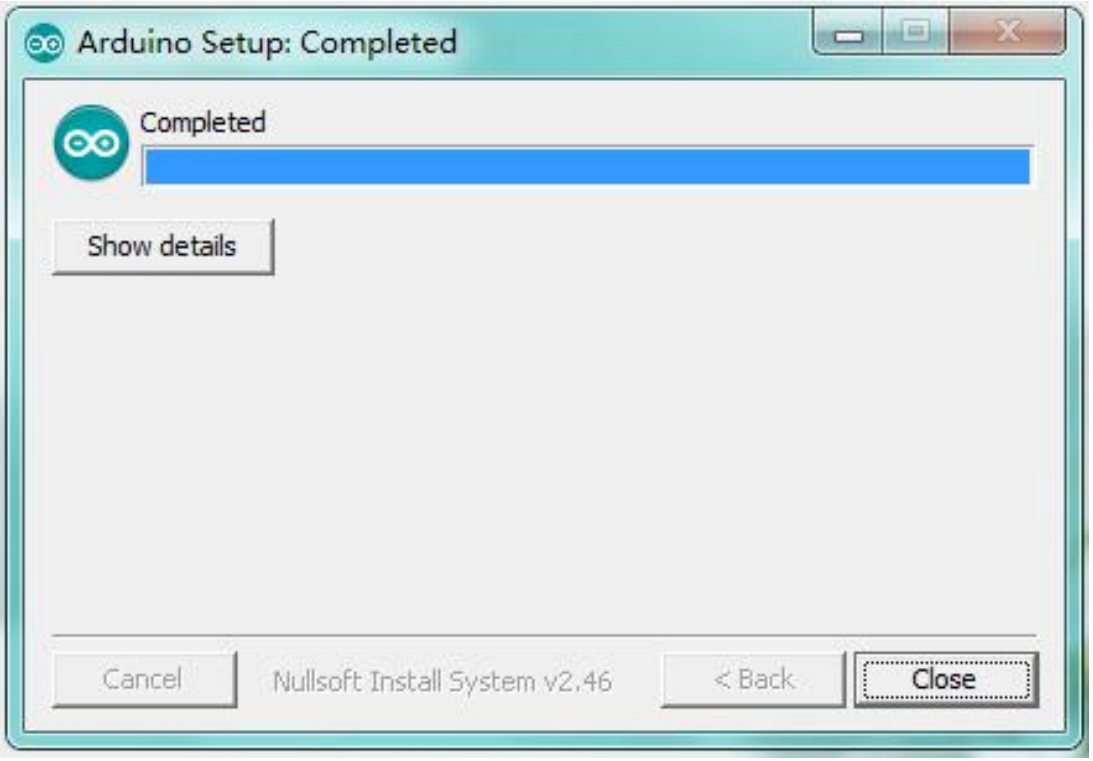
Click *"Next"*. Pop up the interface below.



You can press Browse… to choose an installation path or directly type in the directory you want. Then click "Install" to initiate installation.

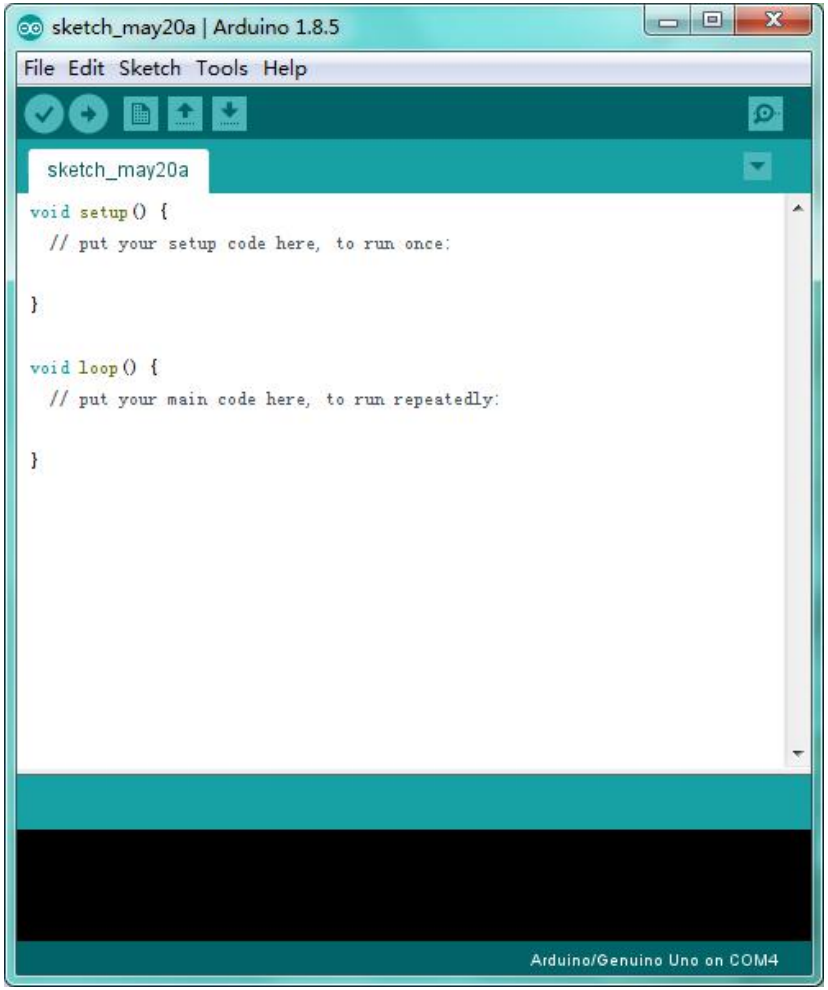


Wait for the installing process, if appear the interface of Window Security, just continue to click Install to finish the installation.



All right, up to now, you have completed the Arduino setup! The following icon will appear on your PC desktop.

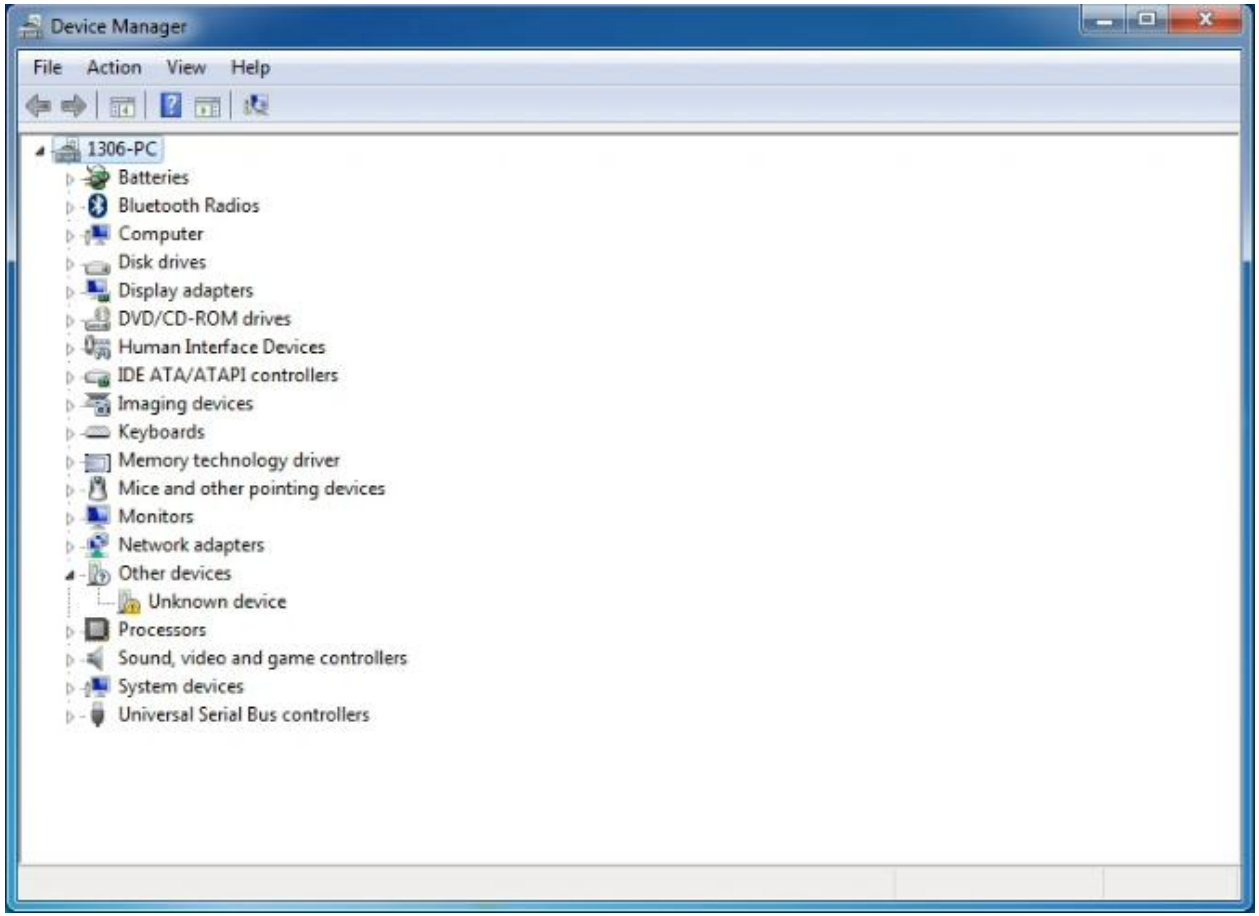
Double-click the icon of Arduino to enter the desired development environment shown as below.



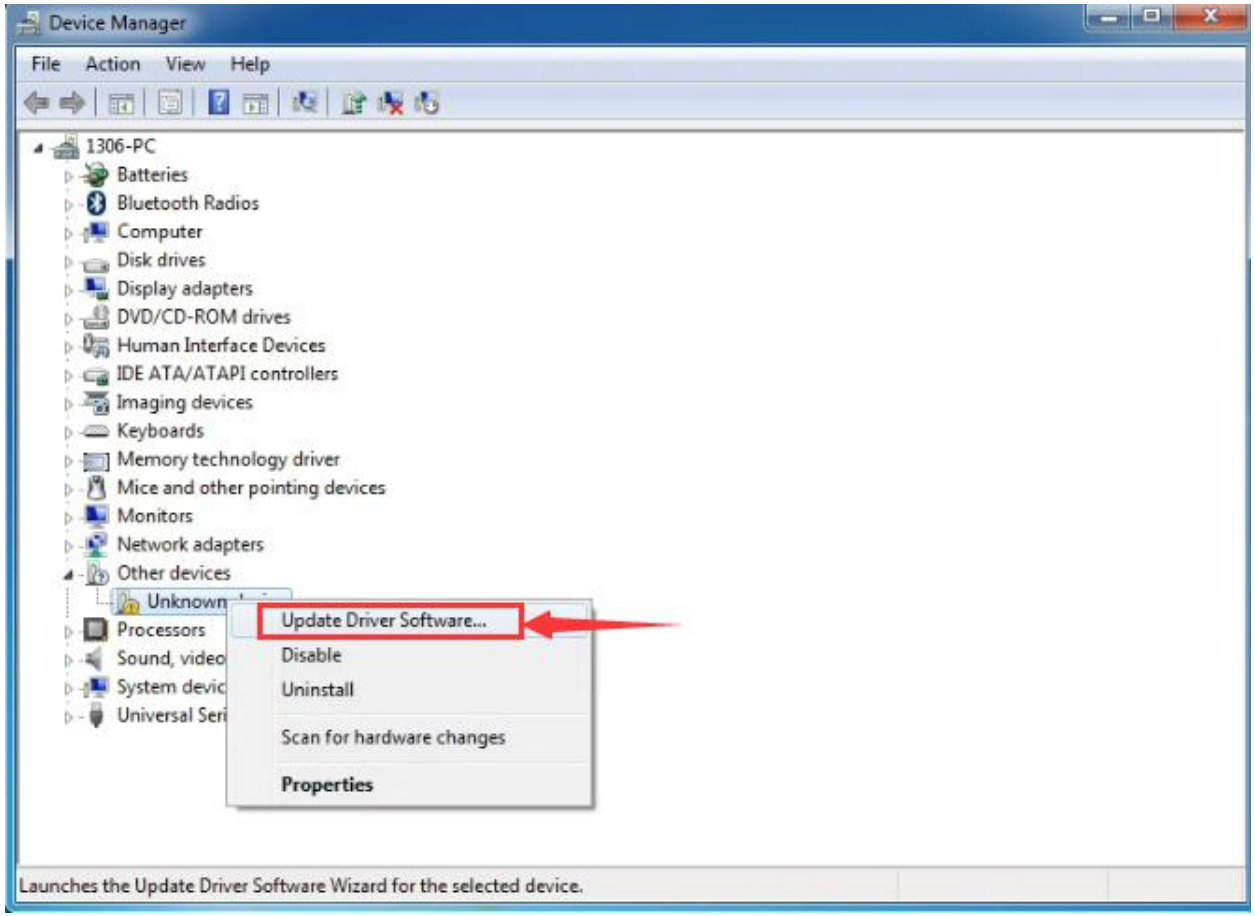
Installing Driver

Next, we will introduce the driver installation of UNO R3 development board. The driver installation may have slight differences in different computer systems. So in the following let's move on to the driver installation in the WIN 7 system.
The Arduino folder contains both the Arduino program itself and the drivers that allow the Arduino to be connected to your computer by a USB cable. Before we launch the Arduino software, you are going to install the USB drivers.
Plug one end of your USB cable into the Arduino and the other into a USB socket on your computer.

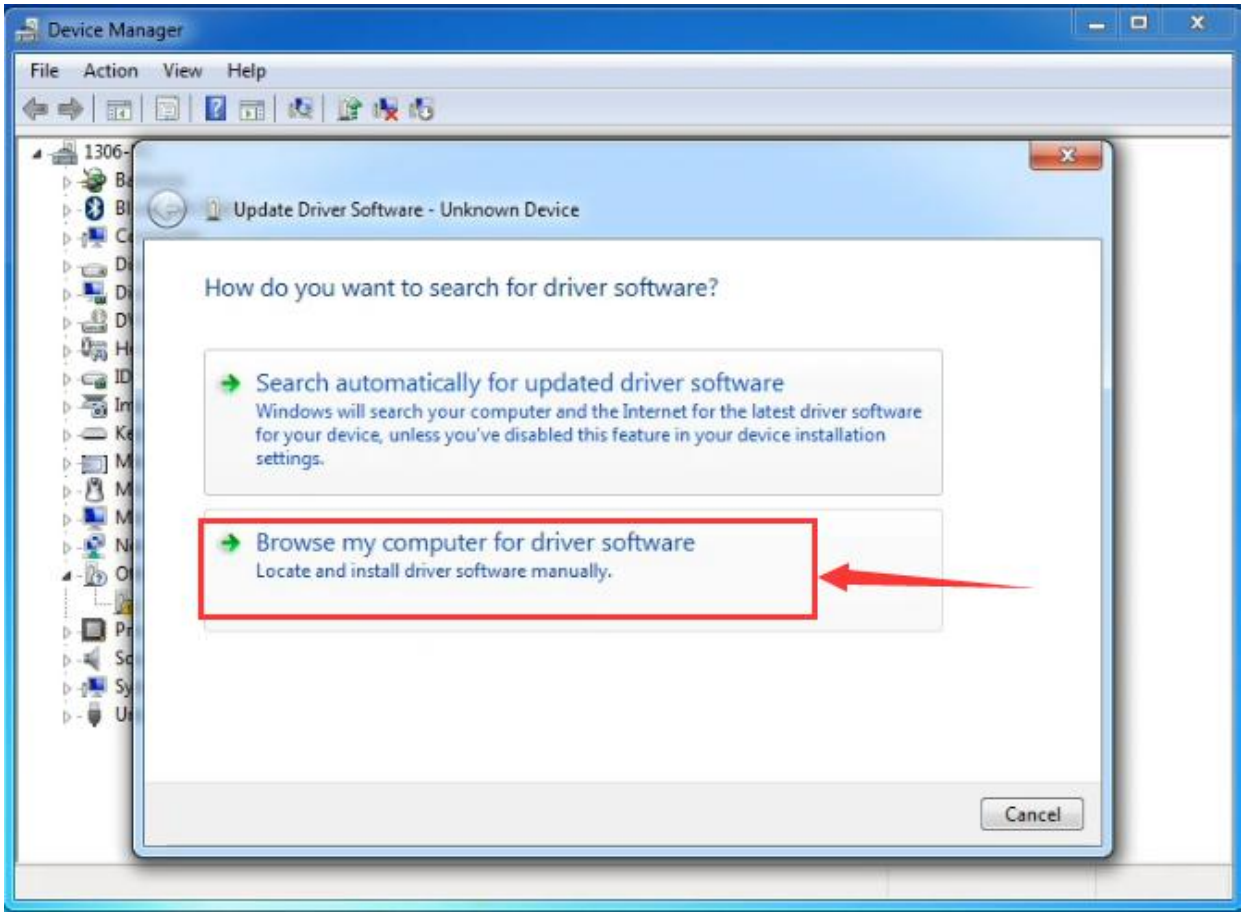
When you connect UNO board to your computer at the first time, right click the icon of your *"Computer" —>for "Properties"—> click the "Device manager"*, under "Other Devices", you should see an icon for "Unknown device" with a little yellow warning triangle next to it. This is your Arduino.



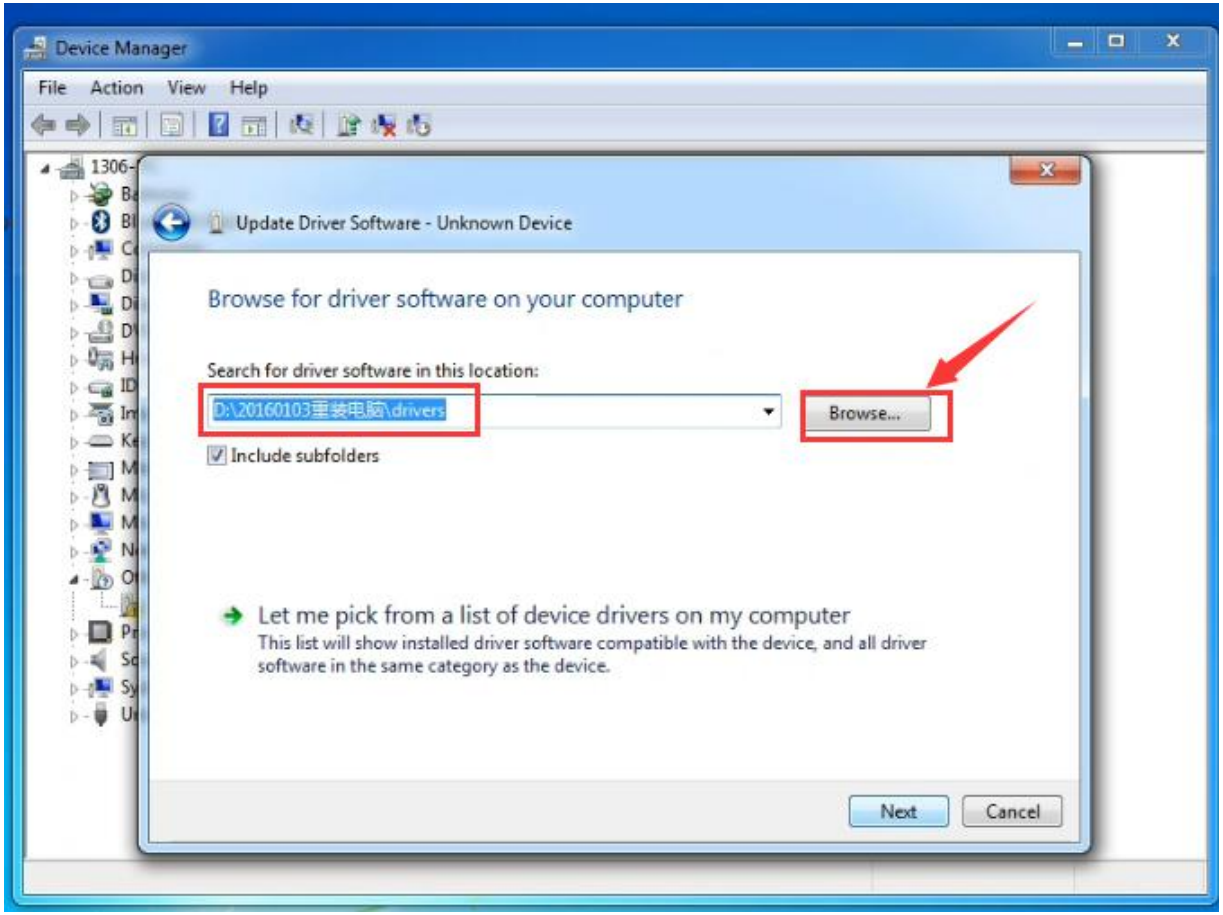
Then right-click on the device and select the top menu option (Update Driver Software...) shown as the figure below.


Device Manager
File Action View Help
1306-PC
Batteries
Bluetooth Radios
Computer
Disk drives
Display adapters
DVD/CD-ROM drives
Human Interface Devices
IDE ATA/ATAPI controllers
Imaging devices
Keyboards
Memory technology driver
Mice and other pointing devices
Monitors
Network adapters
Other devices
Processors
Update Driver Software...
Disable
Uninstall
Scan for hardware changes
Properties
Launches the Update Driver Software Wizard for the selected device.

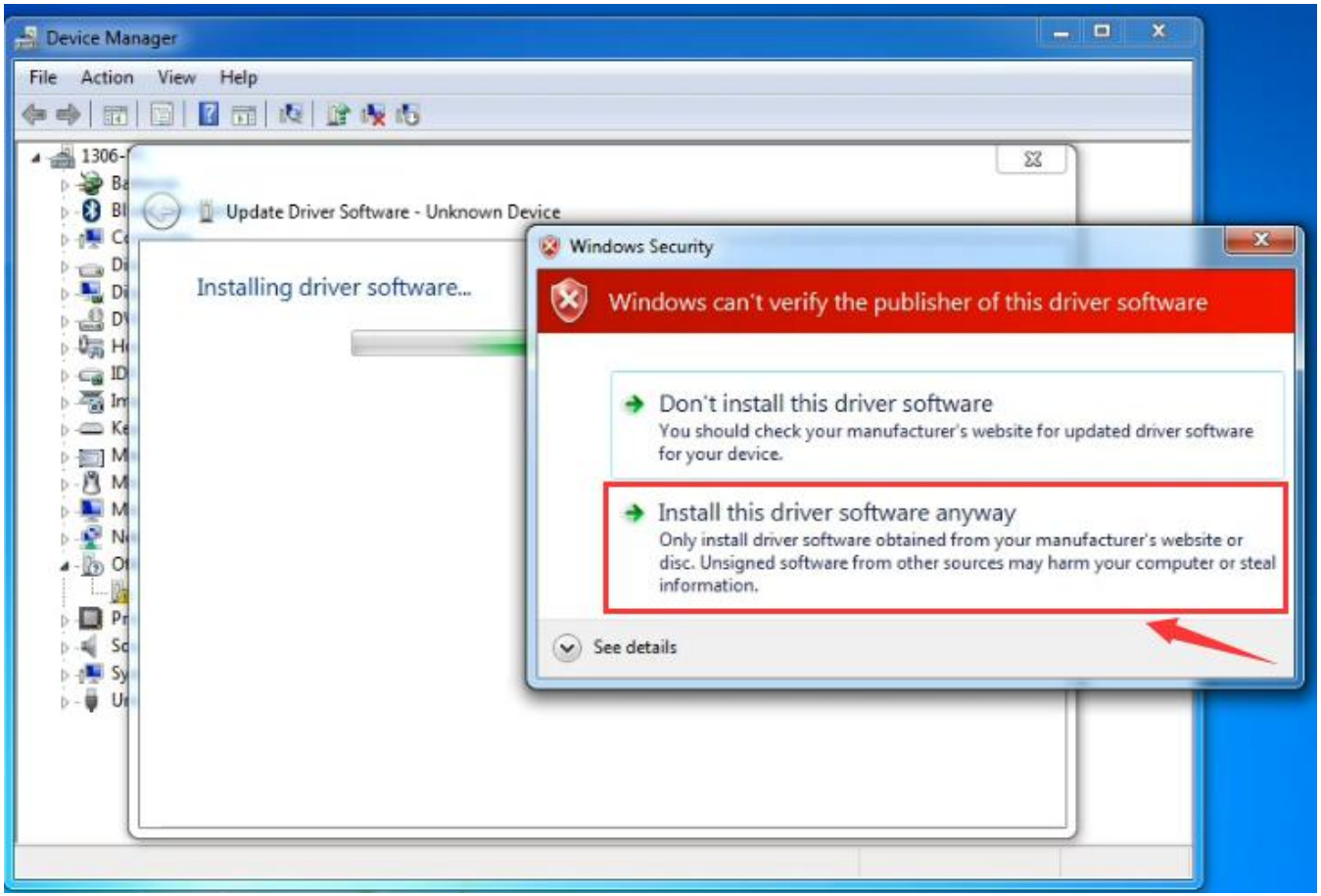
It will then be prompted to either “Search Automatically for updated driver software” or “Browse my computer for driver software”. Shown as below. In this page, select “Browse my computer for driver software”.



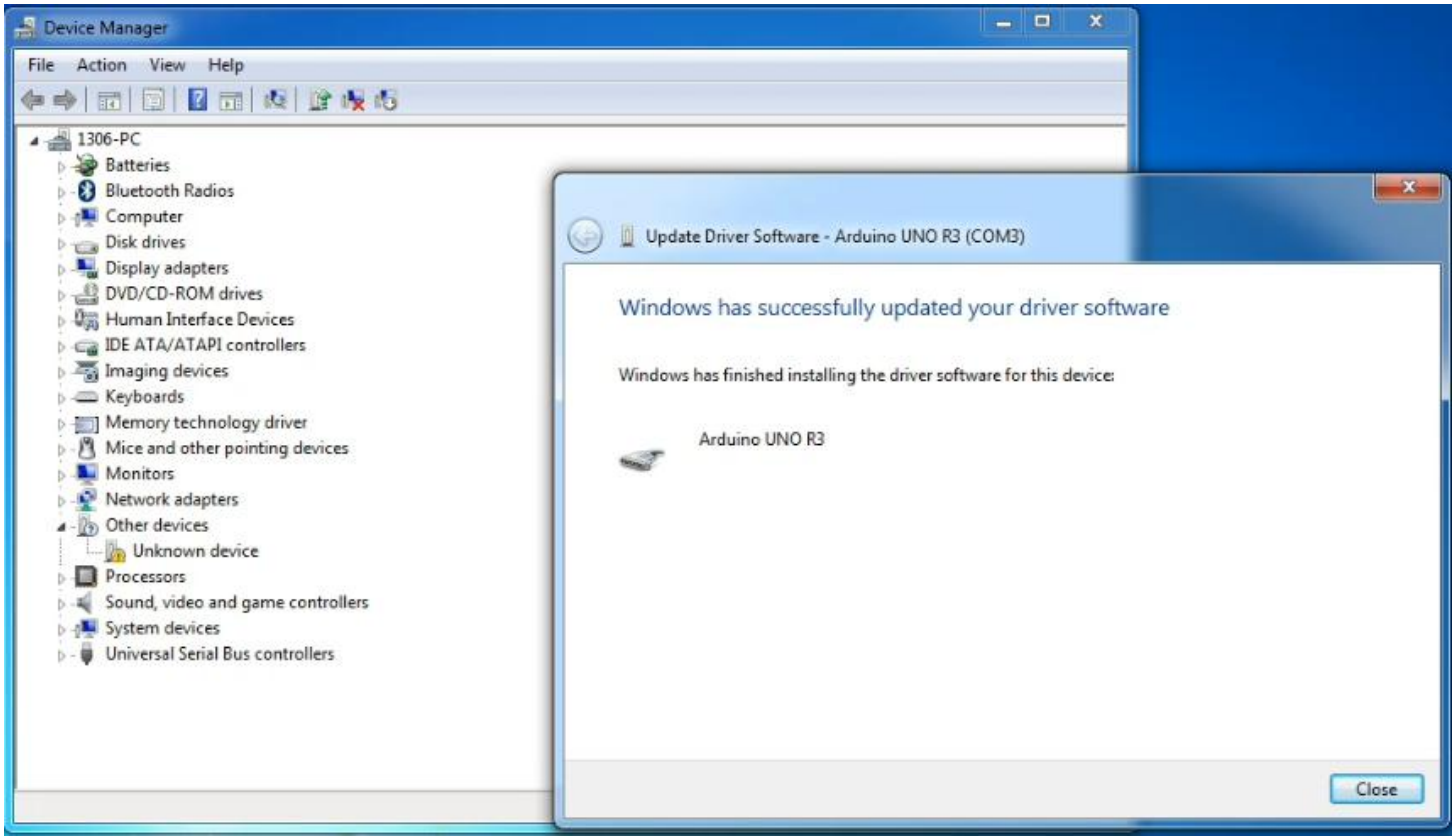
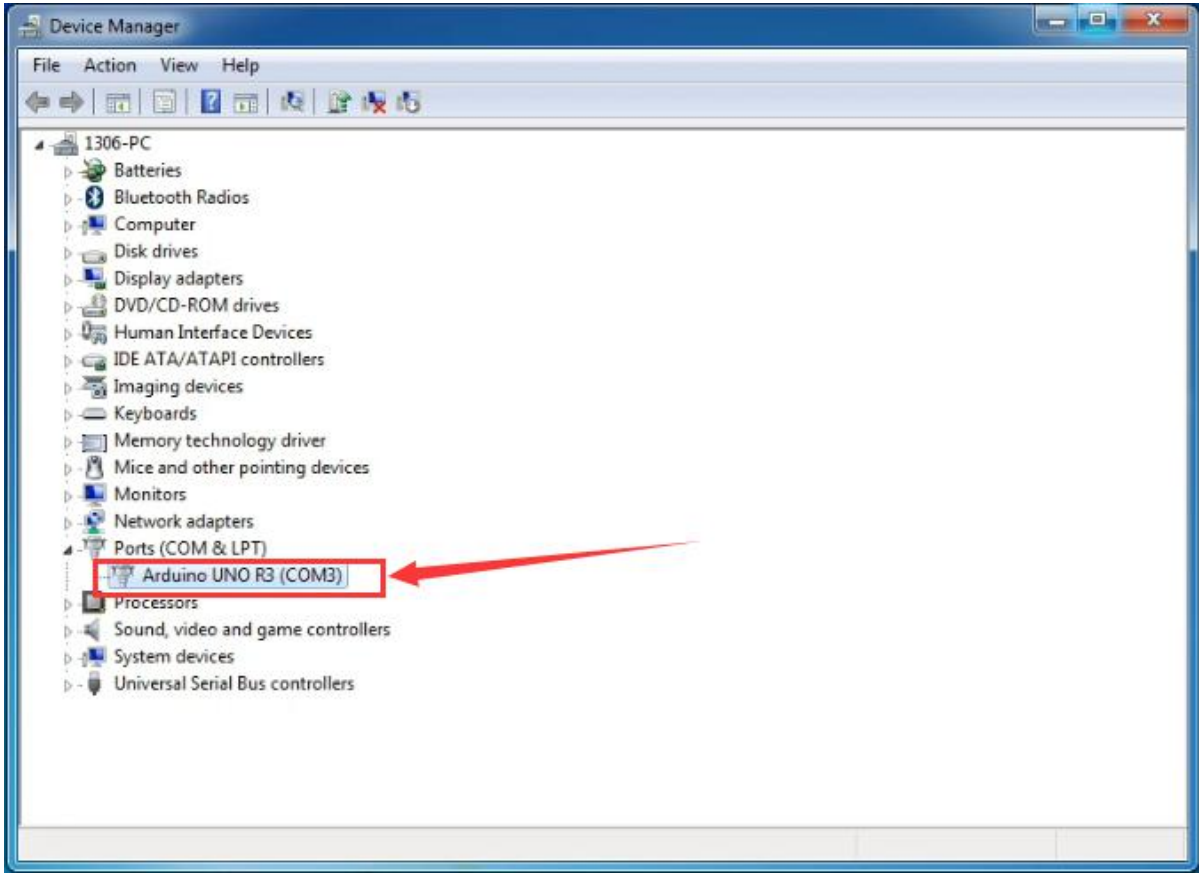
After that, select the option to browse and navigate to the “drivers” folder of Arduino installation.



Click “Next” and you may get a security warning, if so, allow the software to be installed. Shown as below.



Once the software has been installed, you will get a confirmation message. Installation completed, click “Close”.



Up to now, the driver is installed well. Then you can right click *"Computer"* *—>"Properties"—>"Device manager"*, you should see the device as the figure shown below.