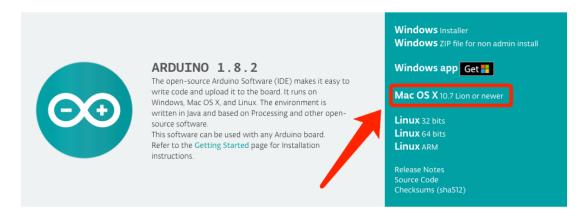
Arduino programming for MacOS

Step1: Download the Arduino Software (IDE)

- Open the URL:https://www.arduino.cc/en/Main/Software with browser
- Click Mac OSX 10.7 Lion or newer

Download the Arduino IDE



Click JUST DOWNLOAD

Support the Arduino Software

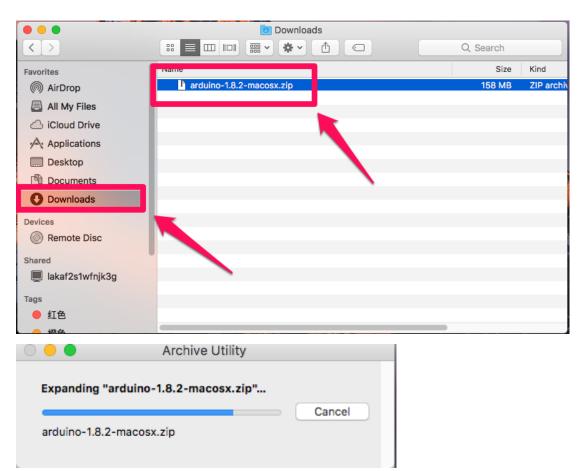
Consider supporting the Arduino Software by contributing to its development. (US tax payers, please note this contribution is not tax deductible). Learn more on how your contribution will be used.



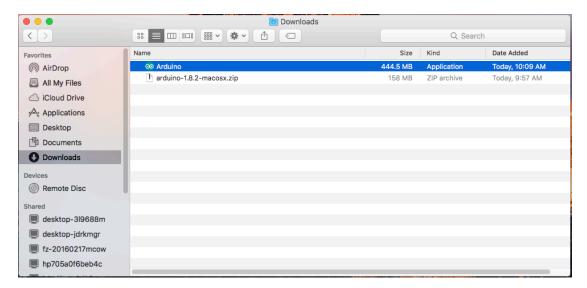
• Open Finder



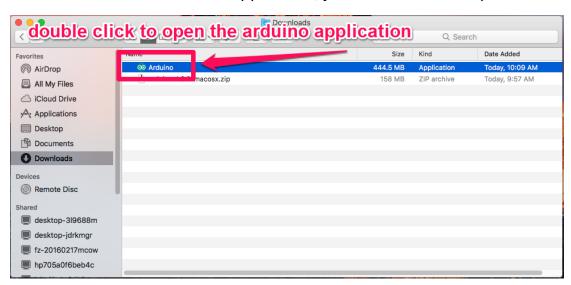
• The download file is arduino-1.8.2.-macosx.zip



• Double click arduino-1.8.2.-macosx.zip to unzip the Arduino file



• Arduino file is the Arduino application, just double click to open it



Arduino IDE

```
sketch_apr19a

sketch_apr19a

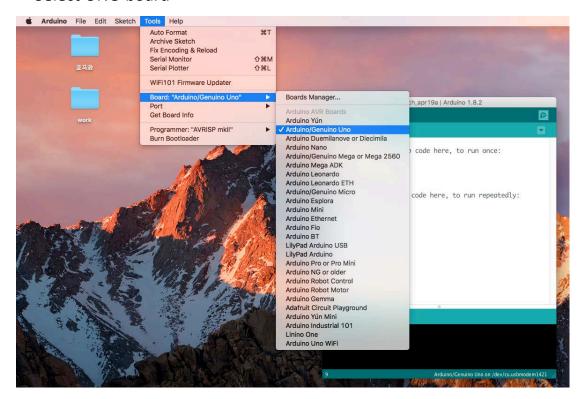
l=|void setup() {
    // put your setup code here, to run once:
    //
    // put your main code here, to run repeatedly:
    // pyt your main code here, to run repeatedly:

Arduino/Genuino Uno on /dev/cu.usbmodem1421
```

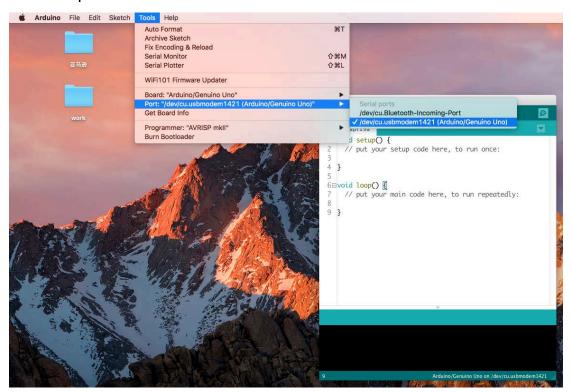
• Connect UNO to PC with USB and remove the Bluetooth module.



Select UNO board



Select port name



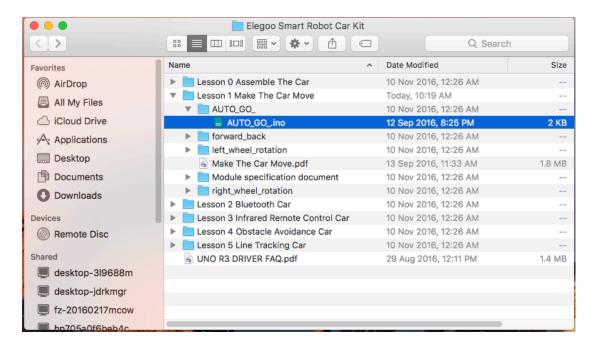
*Attention: The port name does not have to be the exact name on the screenshot above, but you will surely find a port for the UNO.

• Open a program AUTO_GO_.ino to test the Arduino software

The code in the directory: /Elegoo Smart Robot Car Kit/Lesson 1 Make The

Car Move/AUTO_GO_/AUTO_GO_.ino

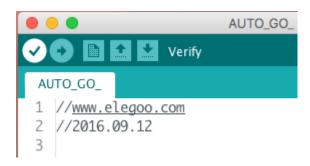
Double click AUTO_GO_.ino



• After open the code

```
AUTO_GO_ | Arduino 1.8.2
 AUTO_GO_
 1 //www.elegoo.com
 2 //2016.09.12
 3
 4 /*define logic control output pin*/
 5 int in1=9;
 6 int in2=8;
 7 int in3=7;
8 int in4=6;
9 /*define channel enable output pins*/
10 int ENA=10;
11 int ENB=5;
12 /*define forward function*/
13 void _mForward()
14⊟{
15
     digitalWrite(ENA,HIGH);
16
     digitalWrite(ENB,HIGH);
17
     digitalWrite(in1,LOW);//digital output
18
     digitalWrite(in2,HIGH);
19
     digitalWrite(in3,LOW);
20
     digitalWrite(in4,HIGH);
21
     Serial.println("Forward");
22 }
23 /*define back function*/
24 void _mBack()
25⊟{
26
     digitalWrite(ENA,HIGH);
     digitalWrite(ENB,HIGH);
27
      IT TO THE TO BE A CUTCUS
                                        Arduino/Genuino Uno on /dev/cu.usbmodem1421
```

• Click the hook button to verify the code



Click the arrow button to upload the code

```
AUTO_GO_ | Arduinc

Upload Using Programmer

AUTO_GO_

//www.elegoo.com
//2016.09.12

/*define logic control output pin*/
int in1=9:
```

Done uplaoding

