Upload Penguin Bot program for Windows

STEP1: Download the Arduino IDE

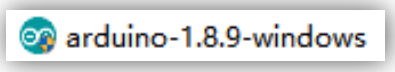
Go to https://www.arduino.cc/en/Main/Software and find below page.

The version available at this website is usually the latest version, and the actual version may be newer than the version in the picture.

Press the char "Windows Installer, for Windows XP and up".

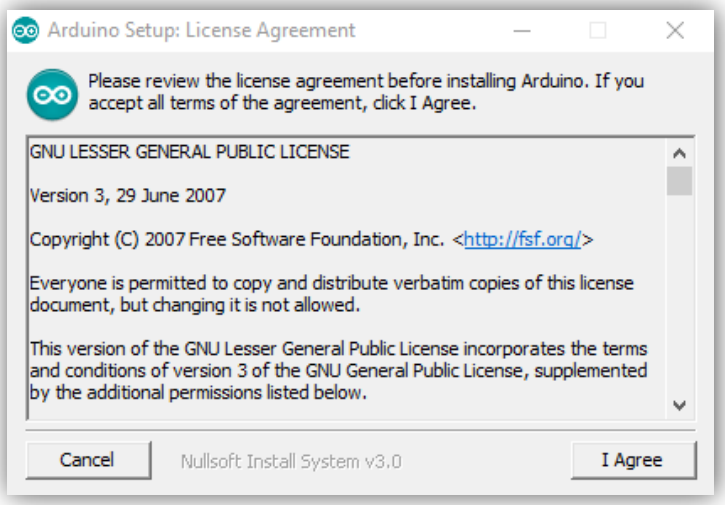
Press the button "JUST DOWNLOAD" to download the software.

After the download is complete, an installation package will appear in the download directory

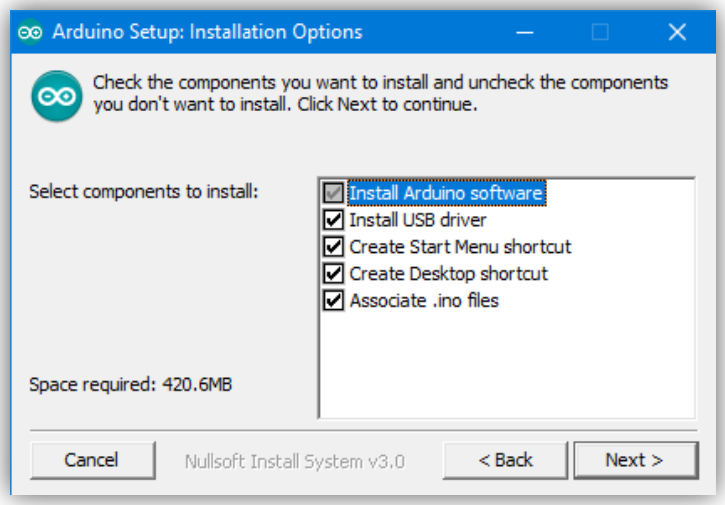


STEP2: Install Arduino IDE

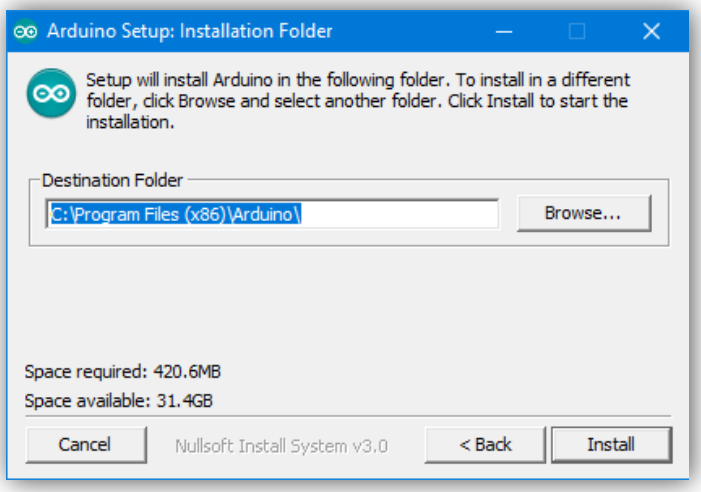
Double-click the installation package to enter the software installation interface and click “I Agree” button.



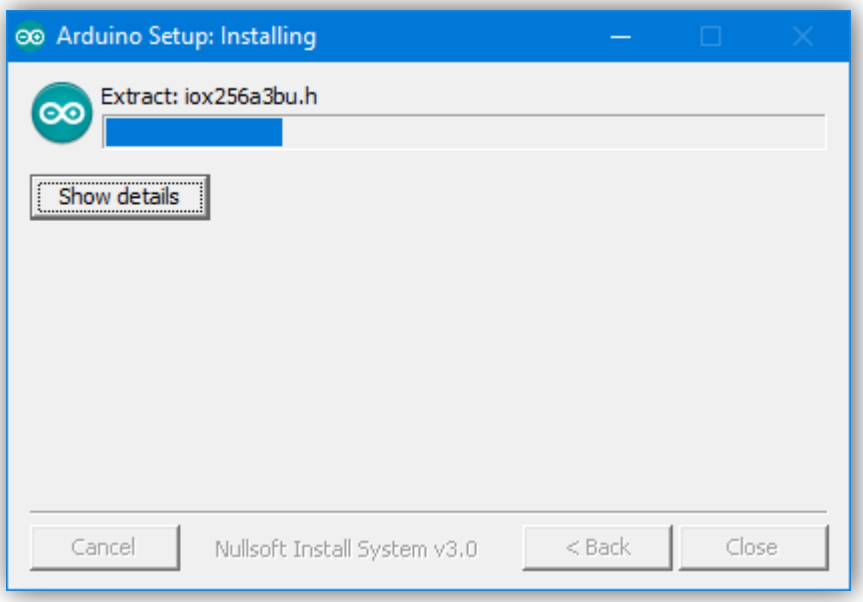
Click “Next” button.



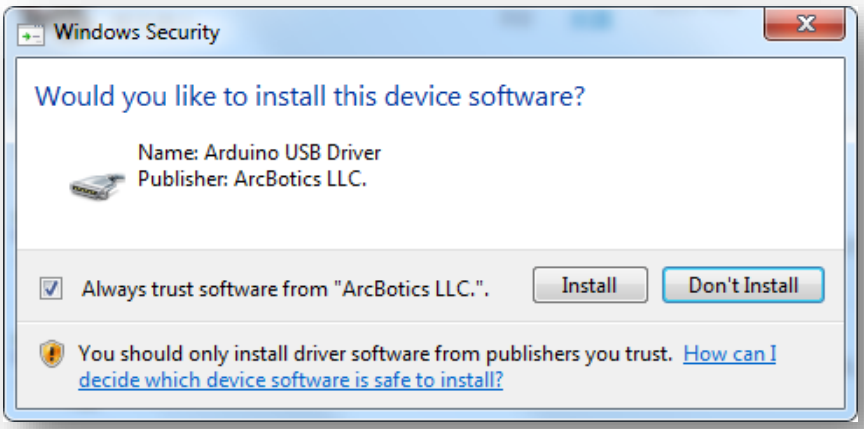
Click “Install” button to initiate installation.



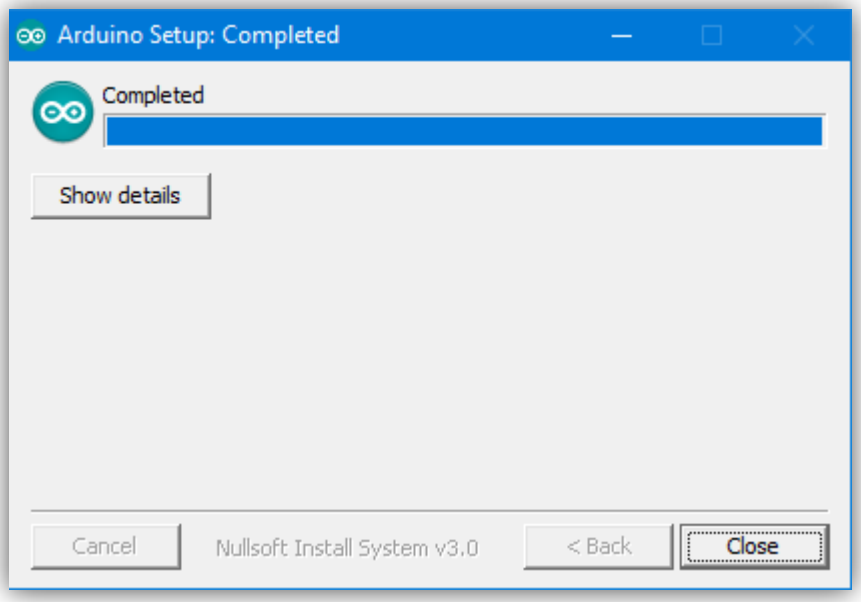
Arduino IDE installing.



Driver installation screen may appear during installation. Click “Install” to install the Arduino USB Driver.

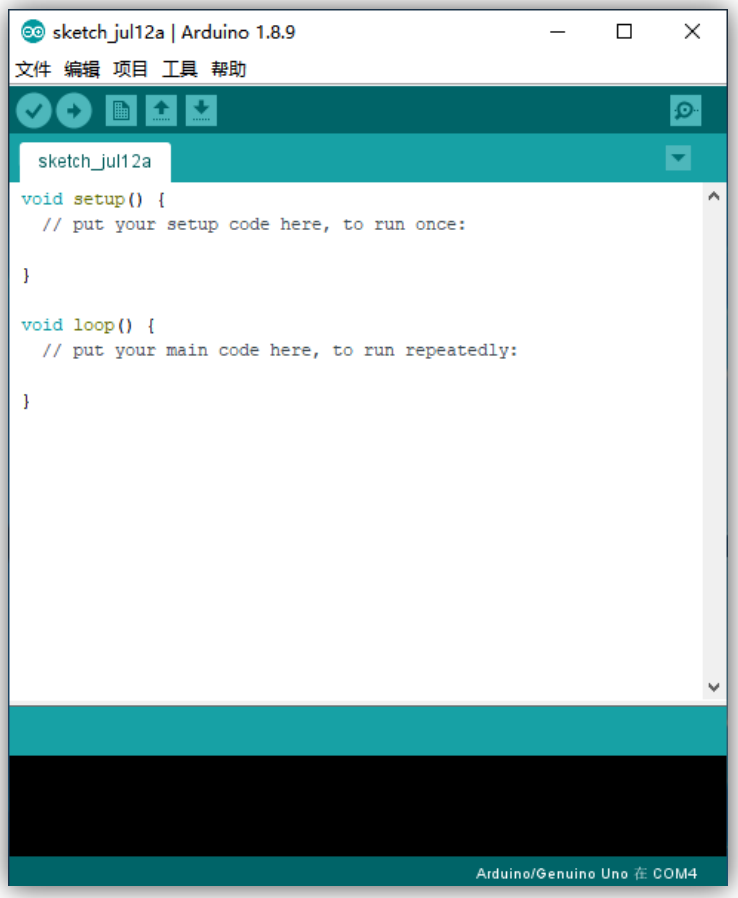


Installation Completed. Click “Close” button.



Finally, Arduino IDE shortcut icon appears on the desktop.

Double-click the Arduino IDE shortcut icon to enter the arduino programming development environment.



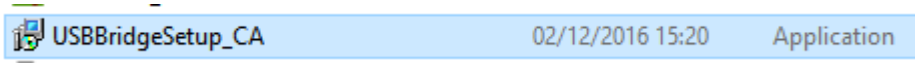
STEP3: Install the USB Driver.

**NOTICE: This driver is only for Windows7, if your Computer's OS is not win7, you can skip step3. **

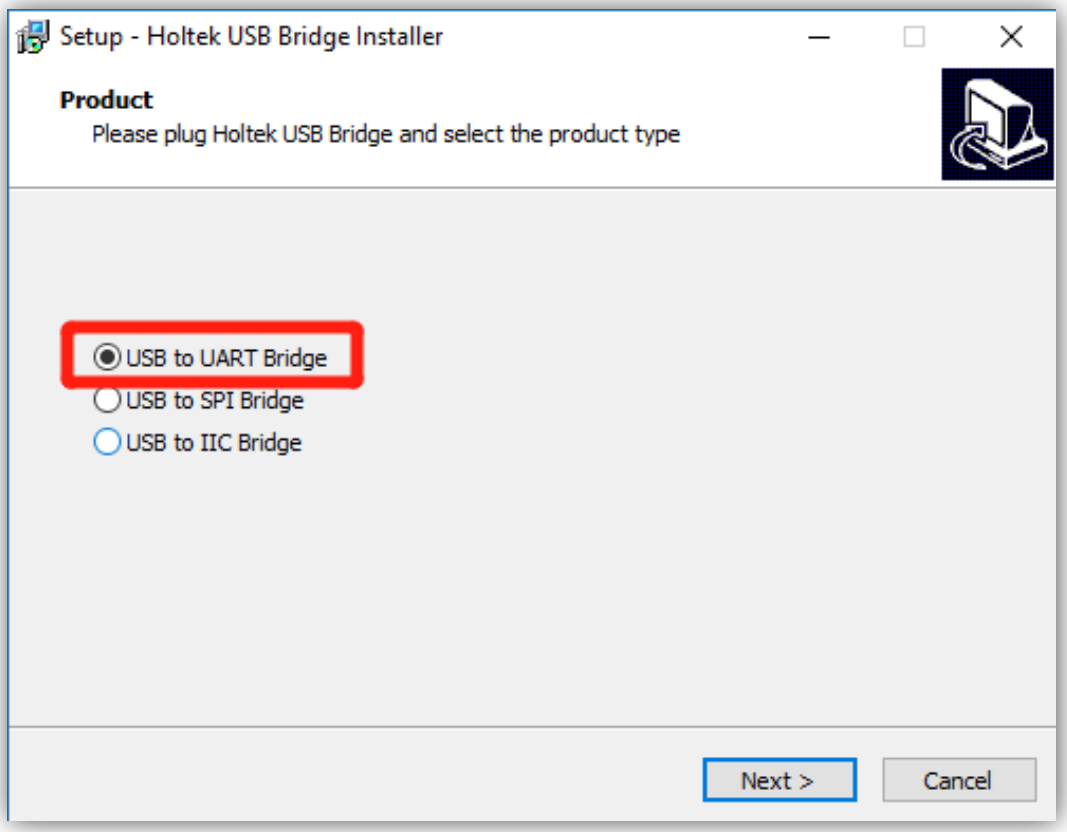
Download the tutorial of Penguin Bot on our website:

https://www.elegoo.com/download/

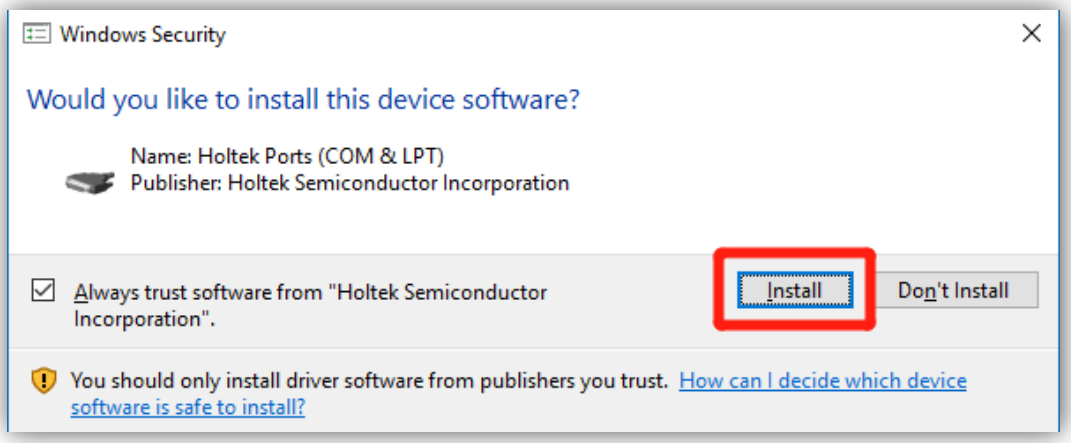
Unzip the zip file, running the installer “usbbridgeSetup_CA Win7.exe”

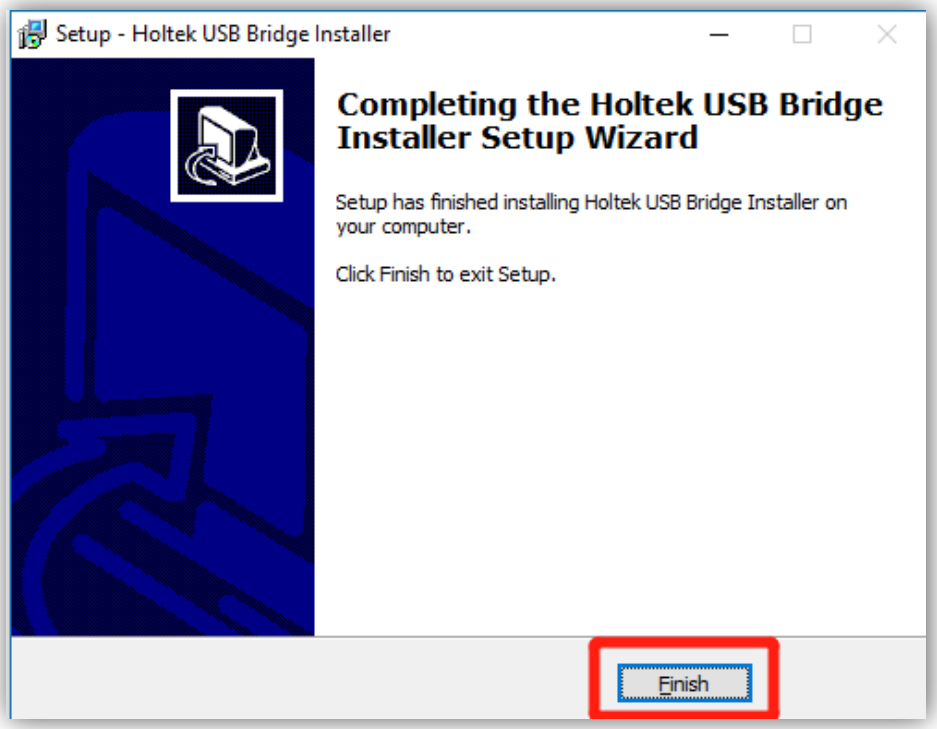


Select “USB to UART Bridge” section and click “Next >” until the windows popup:



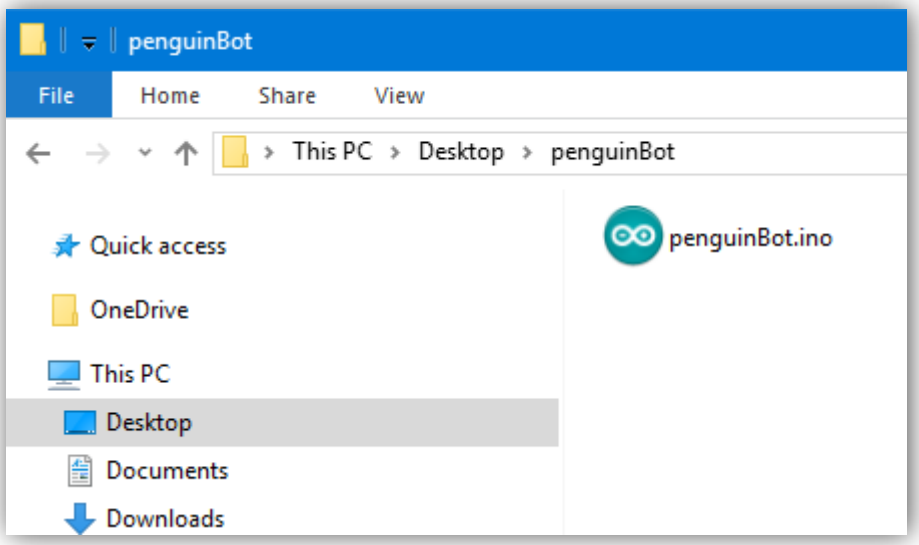
Click “Install”, and finished the installation:



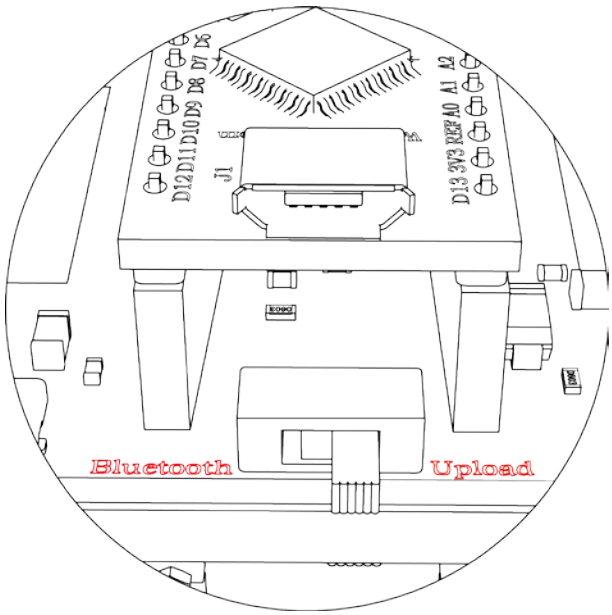


STEP4: Upload Penguin Bot program.

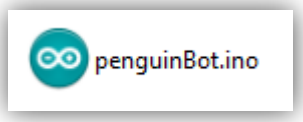
Open the directory where the Penguin Bot sketch is located.



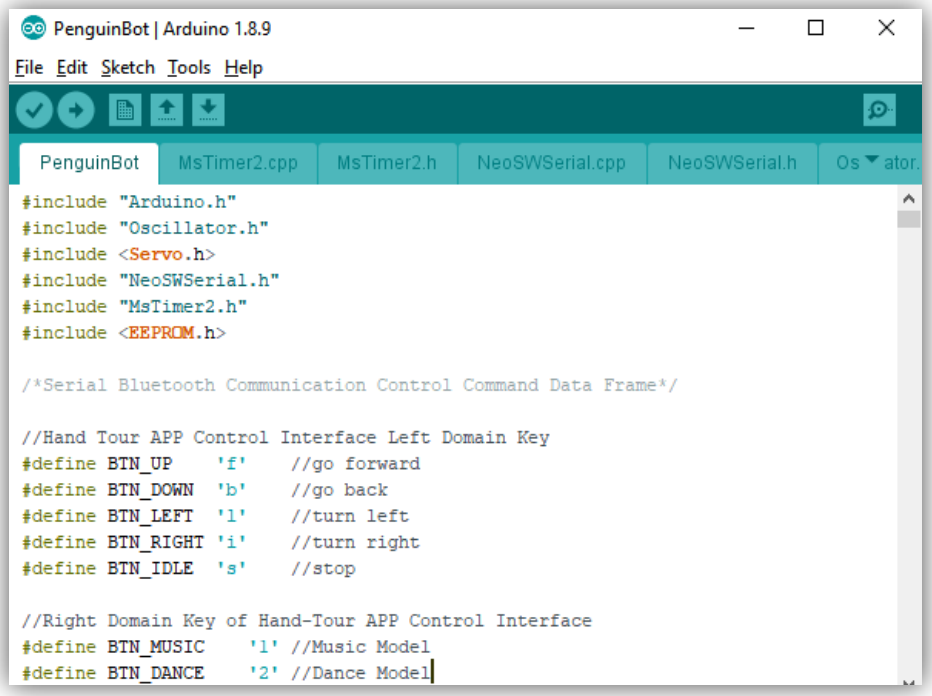
Turn the "Bluetooth-Upload" switch to the "Upload" side, which means the Penguin Bot is in Upload mode.



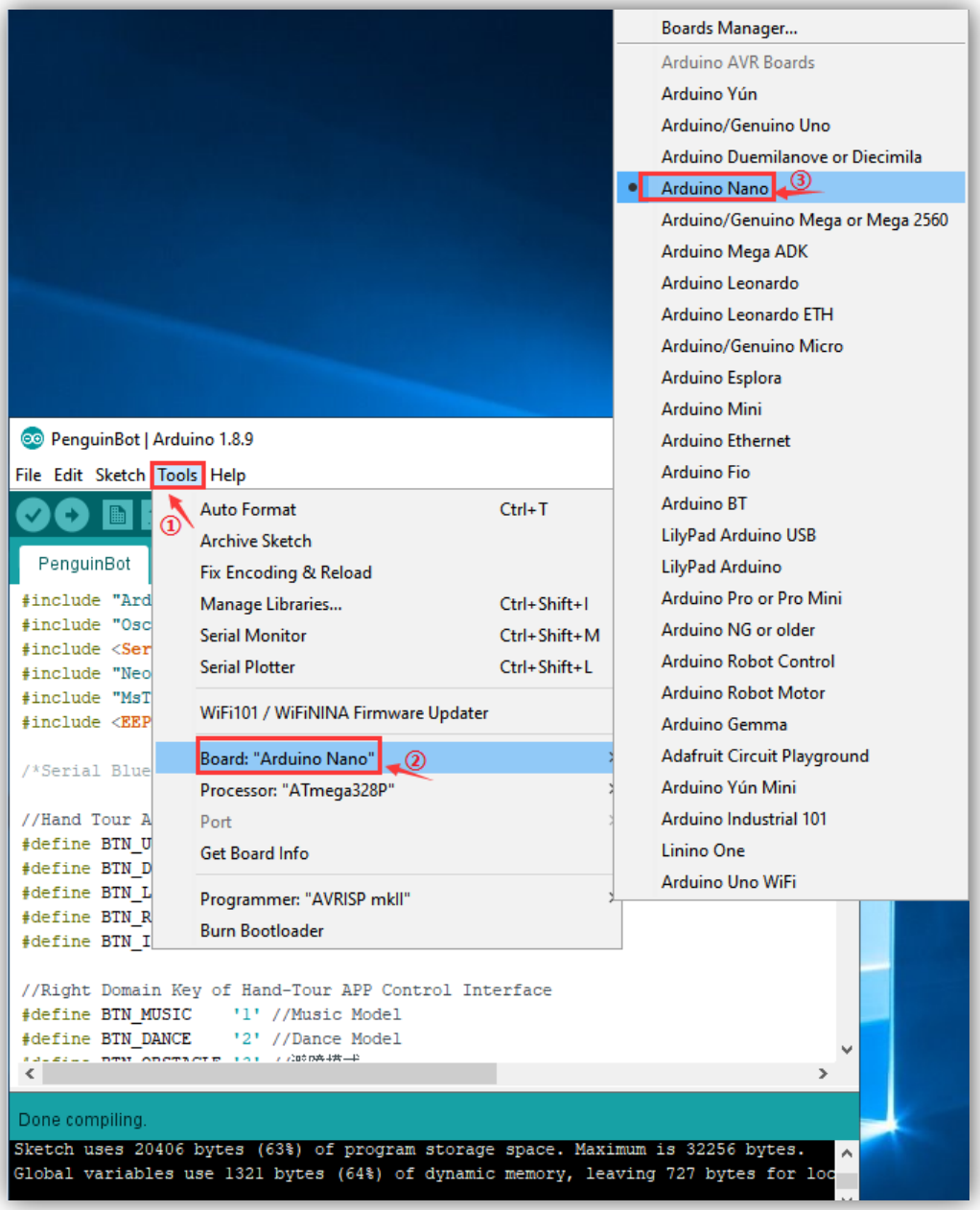
Double-click Penguin Bot sketch.



After open the Penguin Bot sketch, we can see the code in the Arduino IDE.

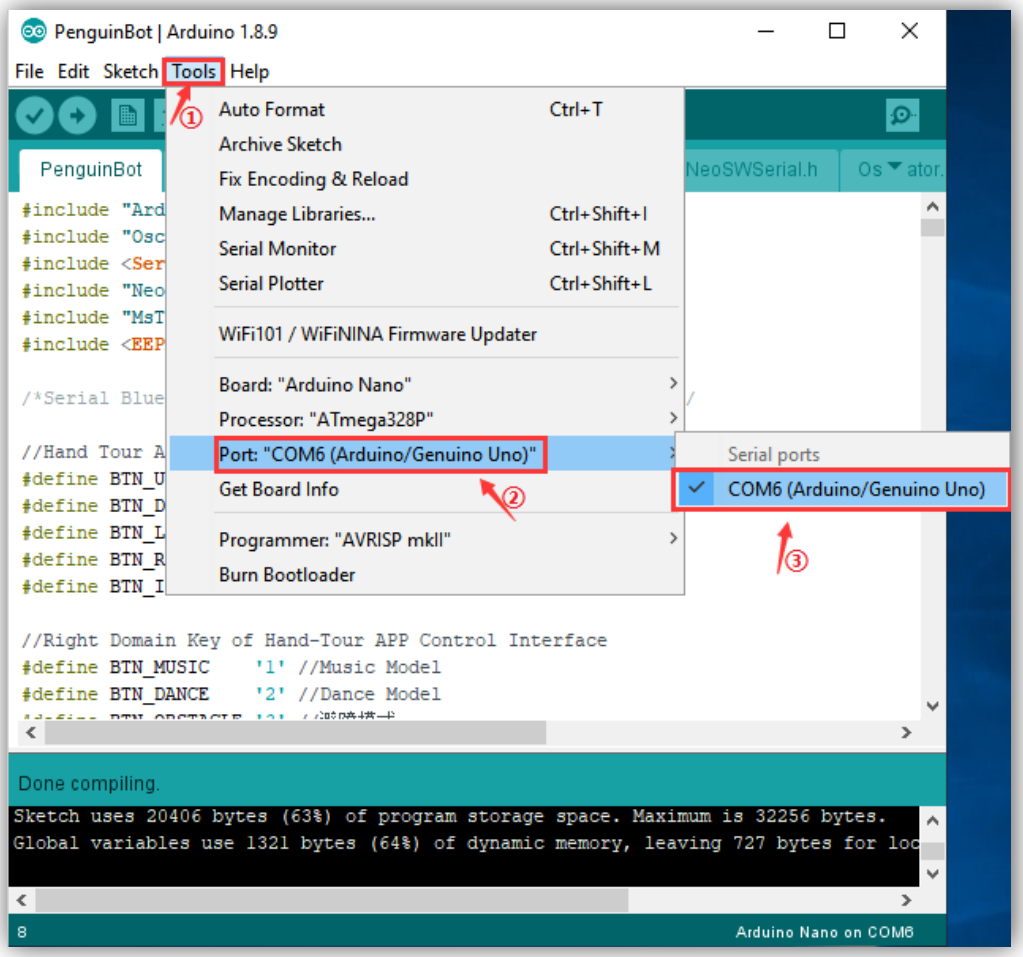


Select the Arduino Nano board.



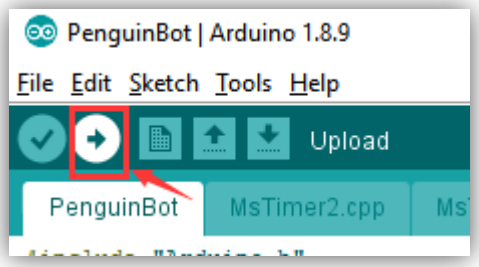
Select the Serial Port name.

(Tips: Each Arduino Nano board has a different COM number on the same computer. You should



choose the COM number of the actual display.)

Click the upload button to start upload the Penguin Bot program.



Done uploading.