ARDUINO SOFTWARE

Arduino company has created a software that works on windows, mac and Linux. Which makes

uploading your code as simple as connecting a USB cable and clicking a button. They created

a programming language that lets you configure all of the Arduino Hardware products in the

same way. Although, it's not simple as learning python, the Arduino Software is one of the

easiest programming experiences you'll ever have.

ARDUINO INSTALLATION:

Most of the work you do in the Arduino will actually be in the software.

1.We need to download the Arduino software from https://www.arduino.cc/en/software

website

2.During the installation a lot of prompts show up, where you are asked if you want to install

various drivers. Just say yes to everything.

3.Once its done, connect the Arduino to the computer using USB cable.
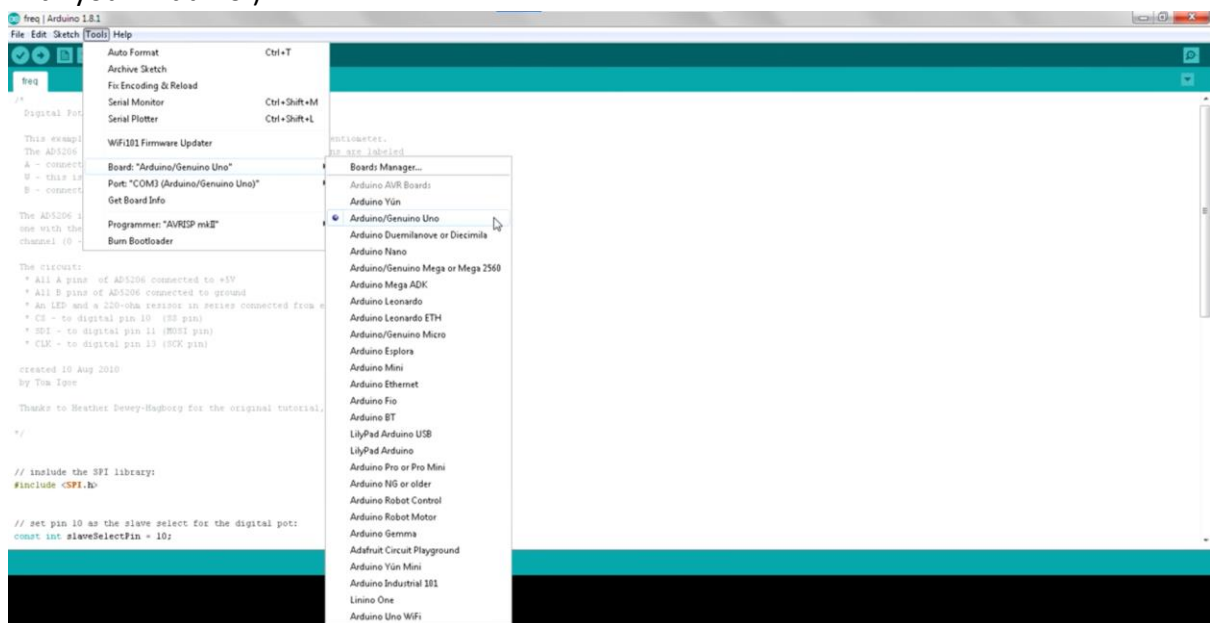
4.Start up the Arduino development environment

5.Make sure that the software tries to connect to the right type of Arduino
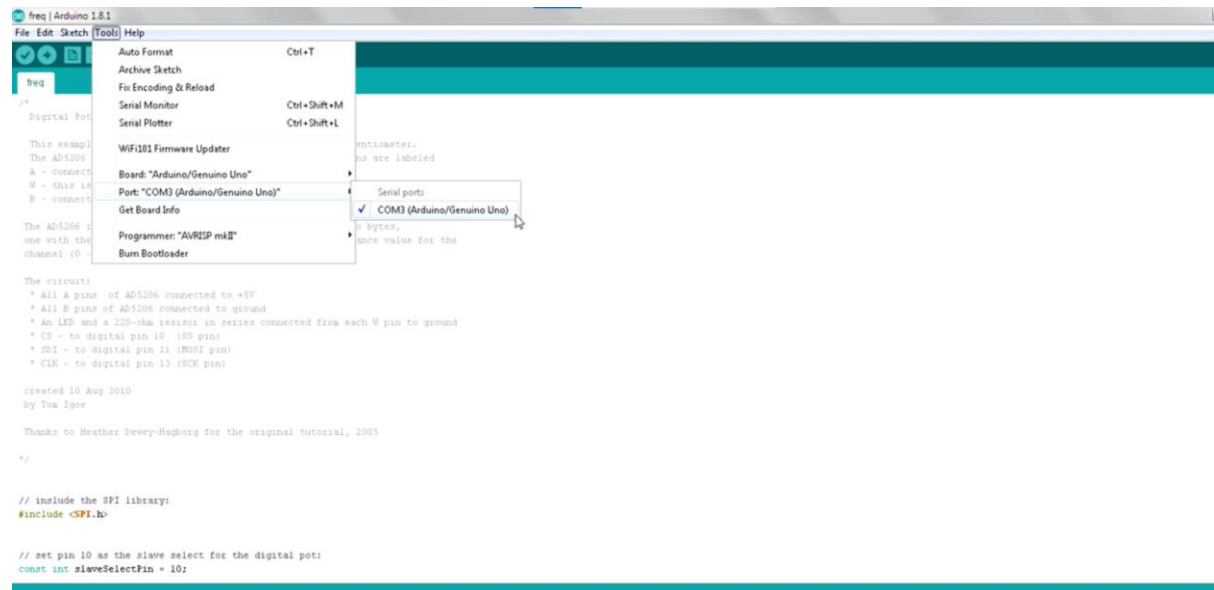
6.Go to Tools, Board, we are going to use an 'ARDUINO UNO'

(Next, we need to make sure that Arduino environment can actually connect and communicate

with your Arduino.)

7.Go to Tools, Ports, and select the COM or Serial port where your Arduino is connected.

If there isn't an Arduino listed here, there might be a problem with your drivers or try plugging

the Arduino to a different USB port.

'SKETCHES' is the fancy name for a program that you upload to your Arduino.