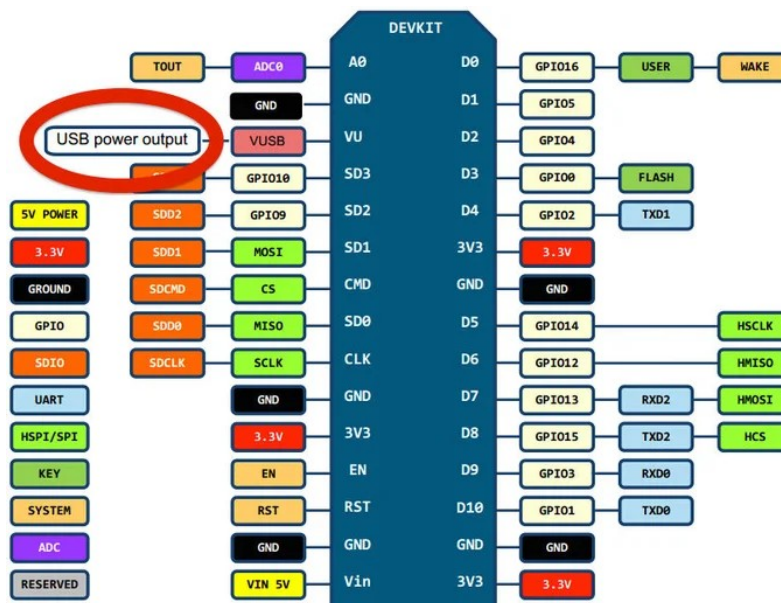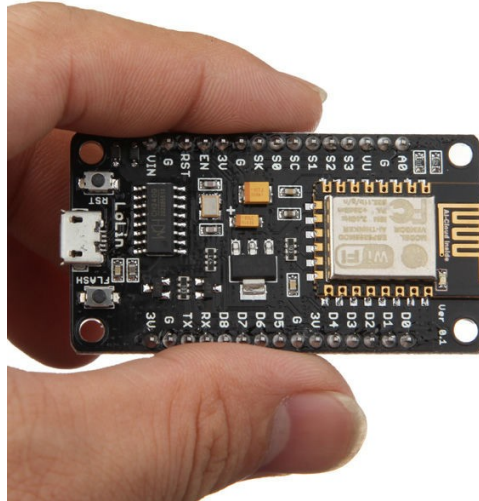# ESP8266 NodeMCU board User Manual:
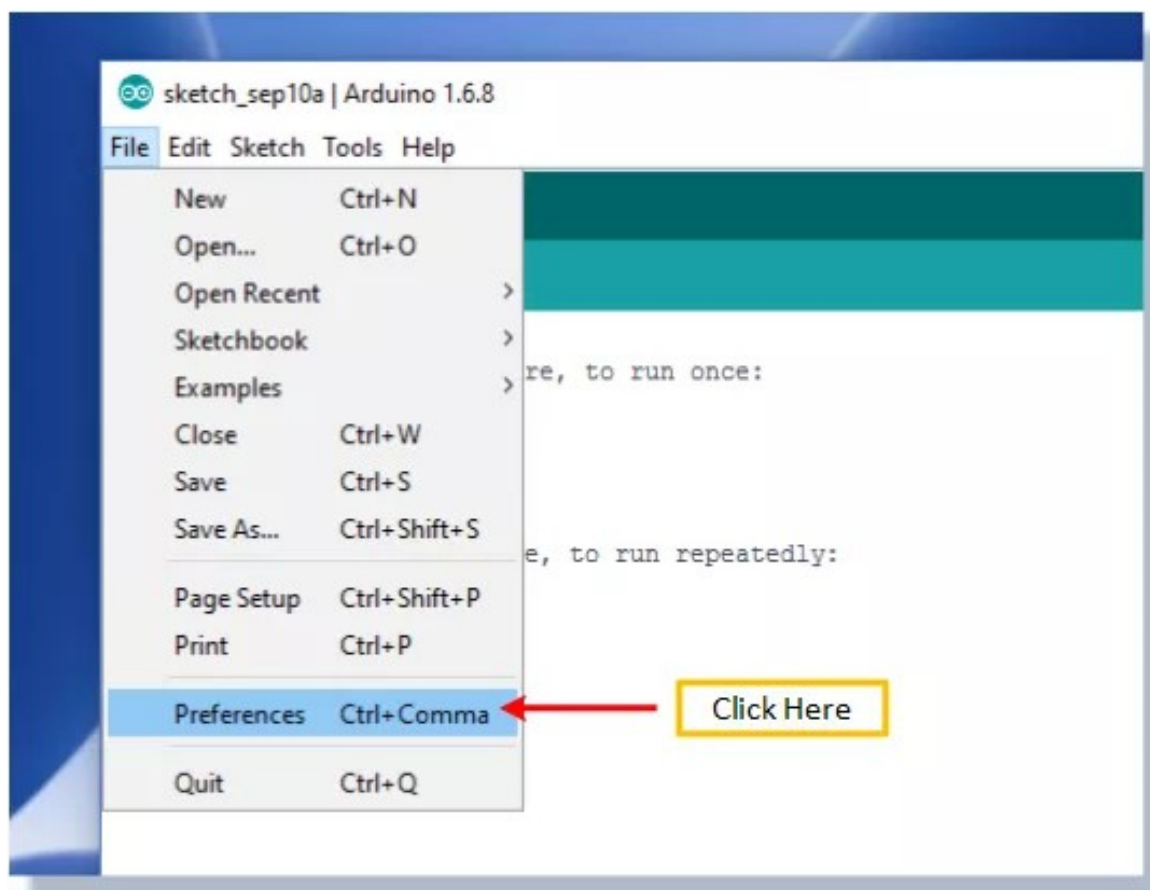
➢   **Features**

- Open-source, Interactive, Programmable, Low cost, Simple, Smart, WI-FI enabled

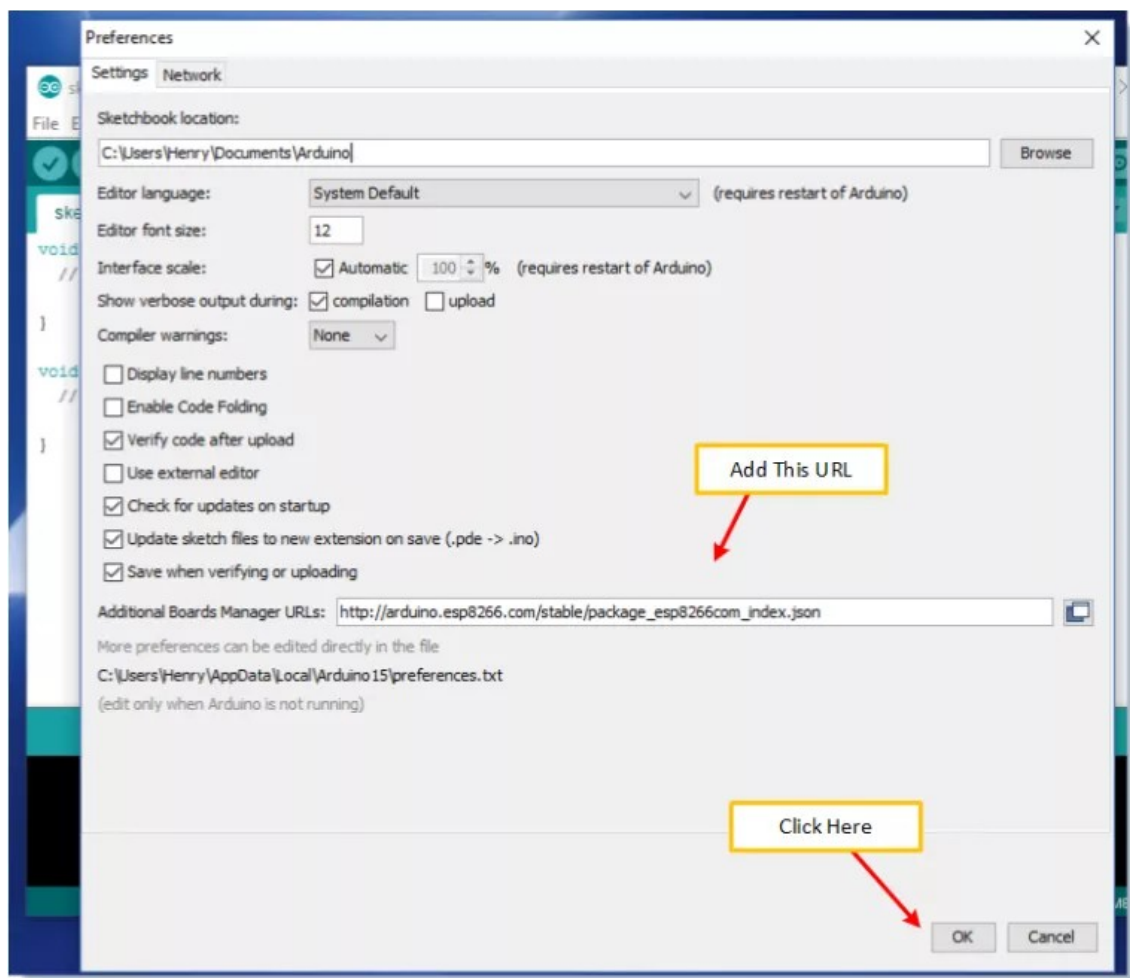- Arduino-like hardware IO

- Lowest cost WI-FI

Preparing the Arduino IDE to Work with the NodeMCU Module:
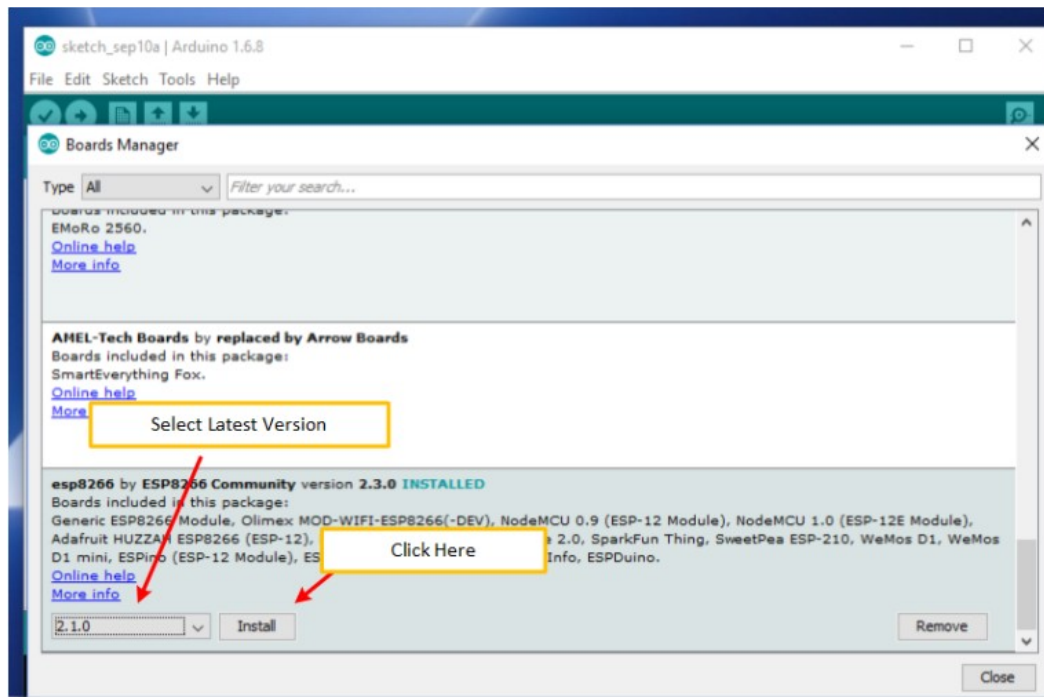
Go To **'Preferences'**

Add a **URL**

Type "http://arduino.esp8266.com/stable/package_esp8266com_index.json" into the field for 'Additional Boards Manager URL'.
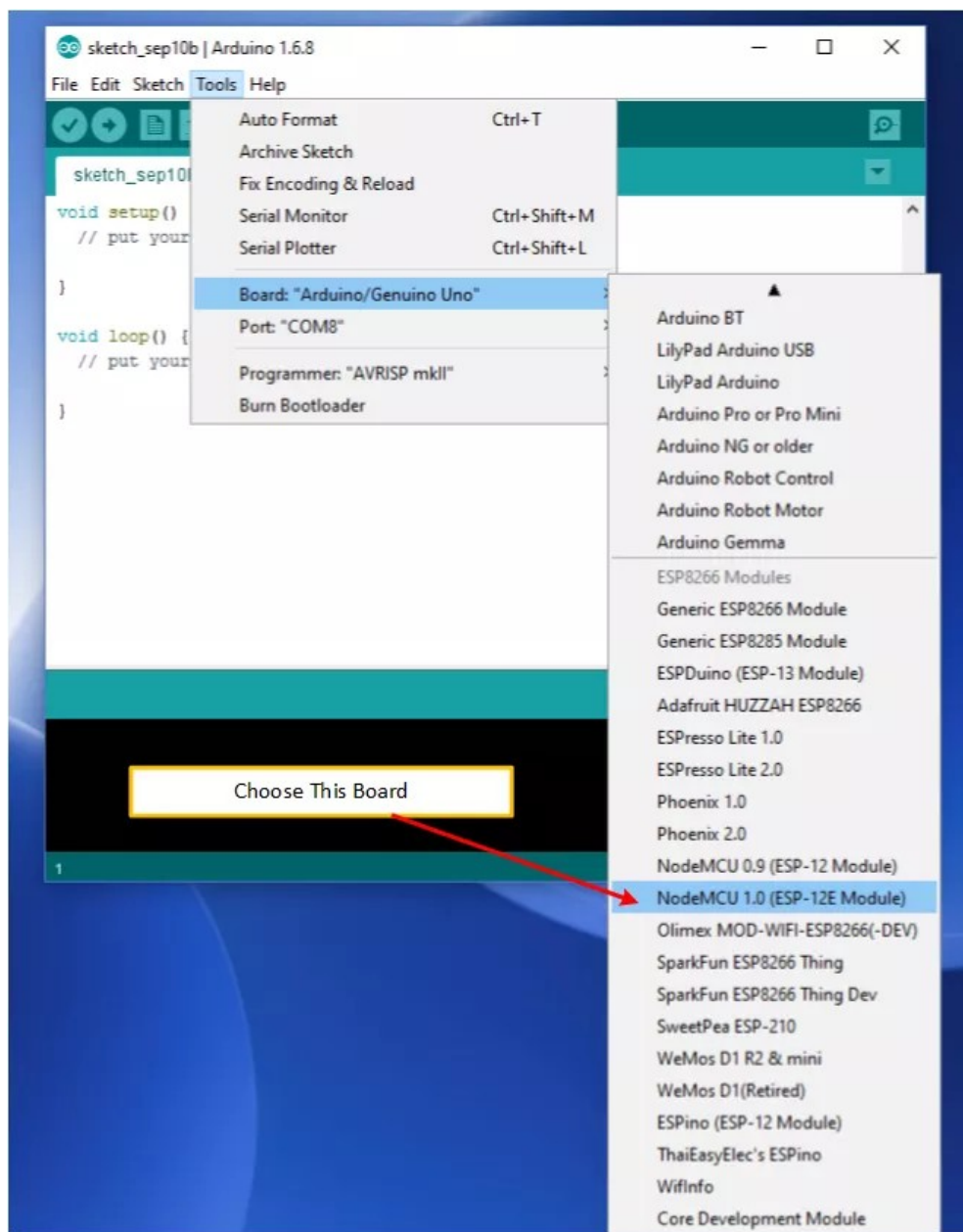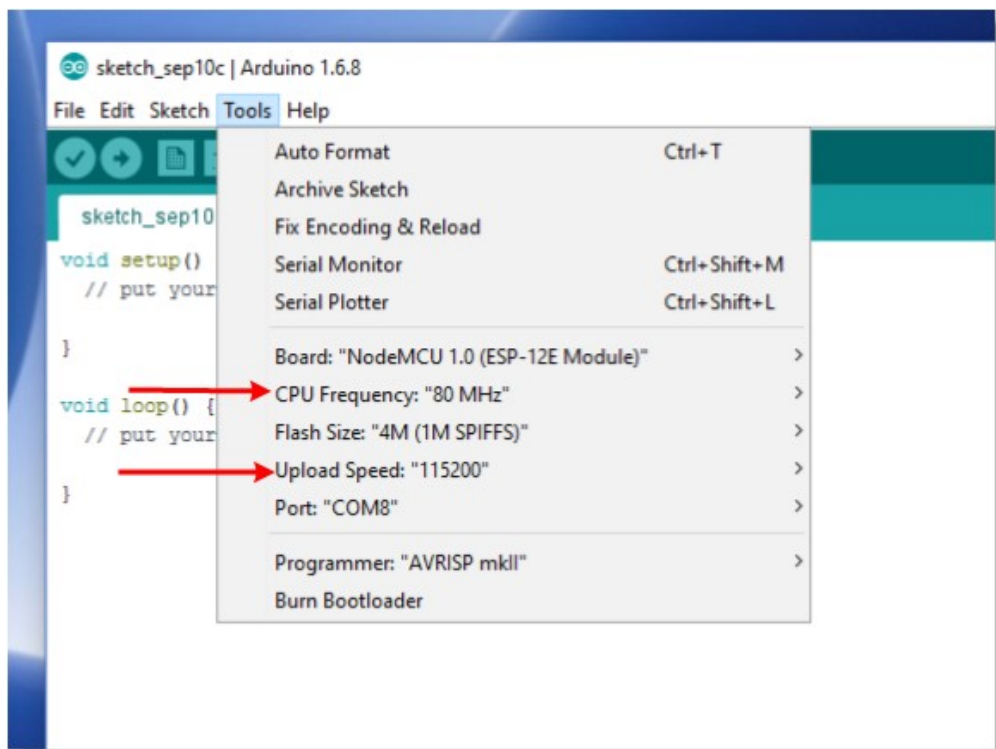
Access 'Board Manager'

From the boards manager pop up, scroll until you find the esp8266 board.   Select the latest version and install.

Select the NodeMCU ESP8266-12E Board

Select the CPU Frequency and Upload Speed

Connect the LoLin NodeMCU Module to your PC: