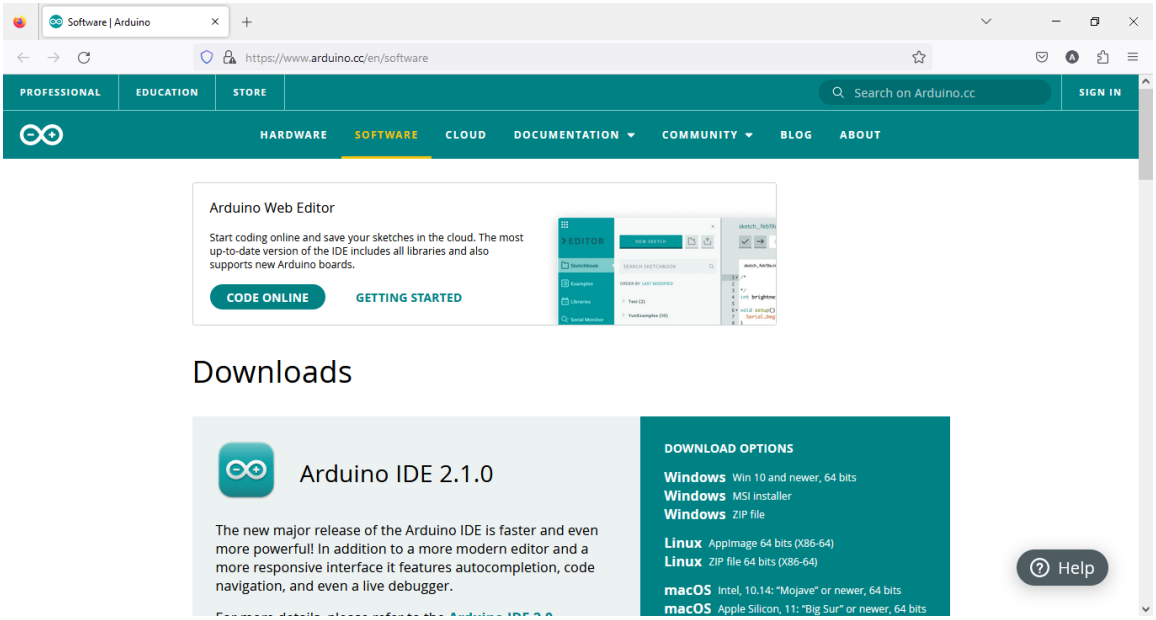
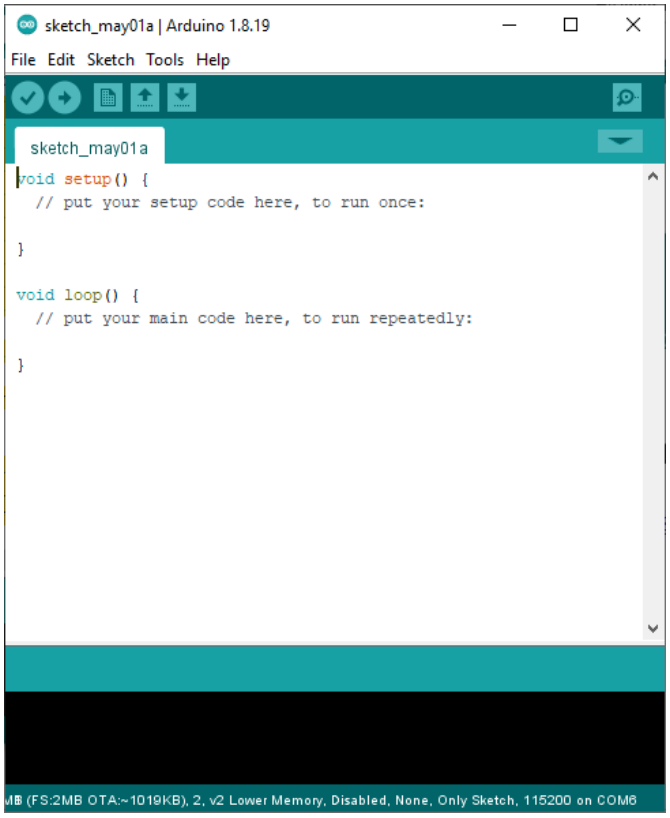
Setup the Arduino IDE

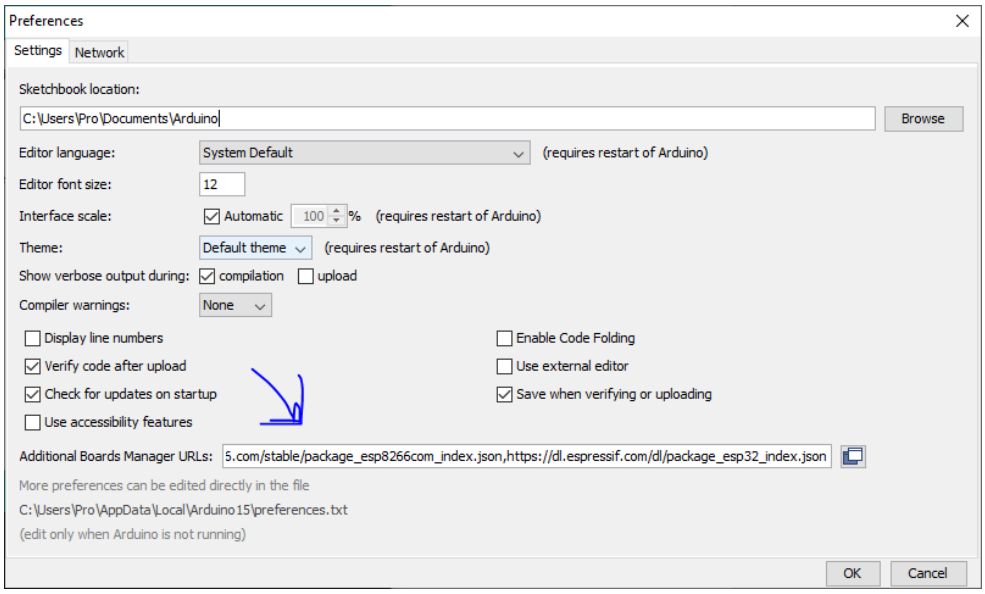
1. Go to the official Arduino website: https://www.arduino.cc/



2. Open the Arduino IDE.

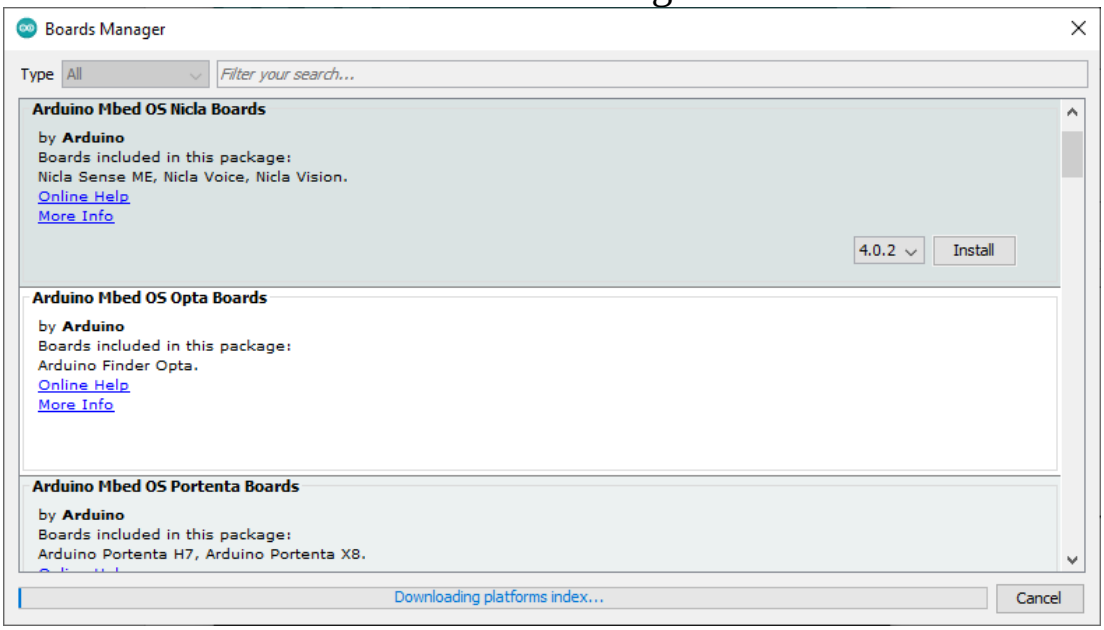


3. Go to File > Preferences.

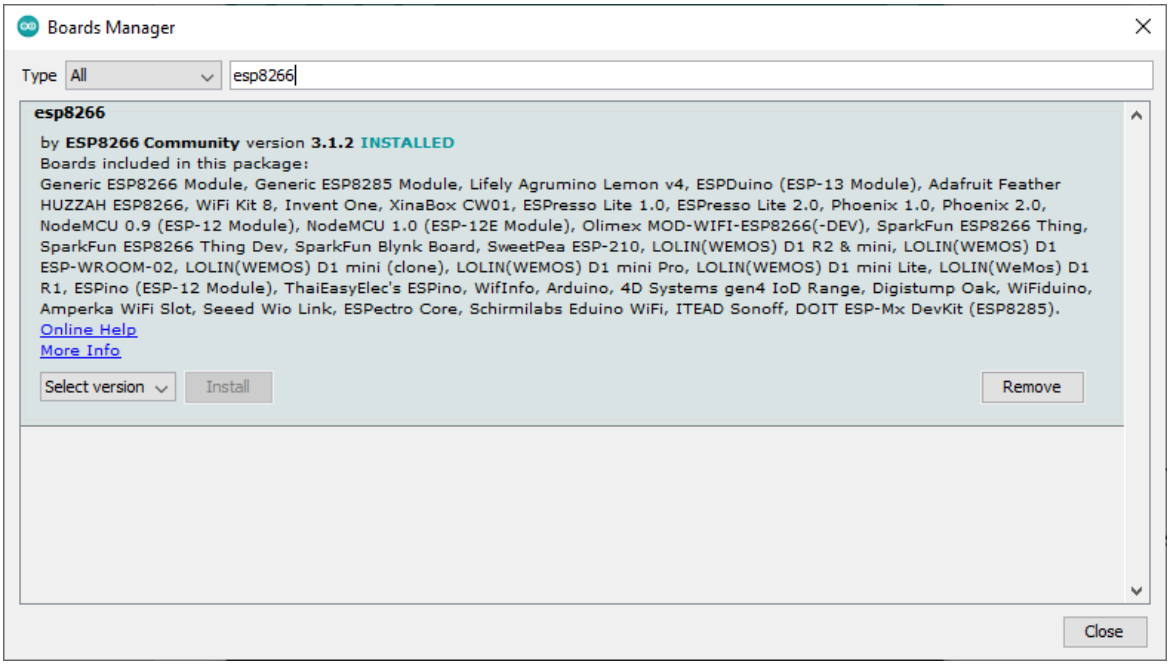


4. In the Additional Boards Manager URLs field, add the following URL: http://arduino.esp8266.com/stable/package_esp8266com_index.json
5. Click on the OK button.

6. Go to Tools > Board > Boards Manager.

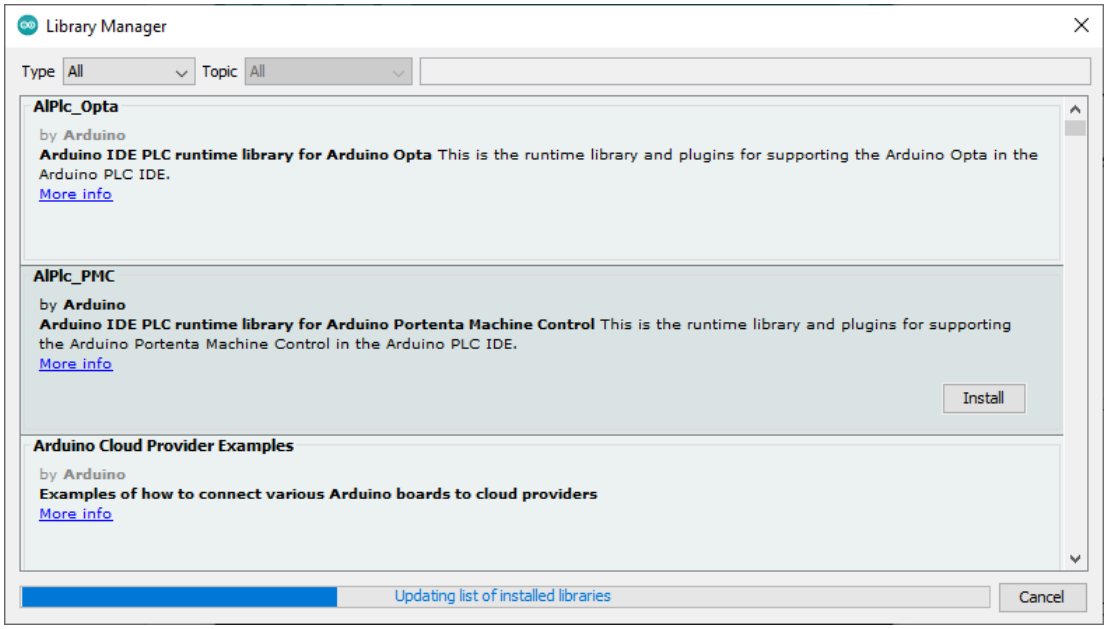


7. In the Boards Manager, search for "esp8266".
8. Click on the Install button.

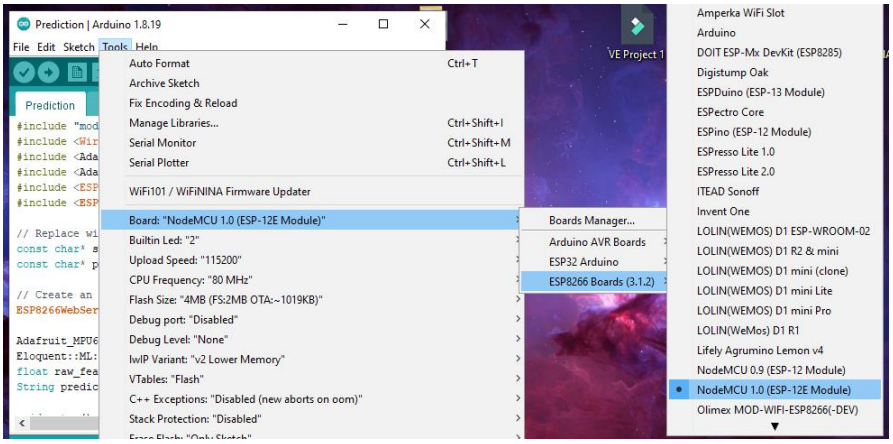


9. Wait for the installation to complete.
10. Close the Boards Manager.

11. Click on the "Sketch" menu and select "Include Library" -> "Manage Libraries".



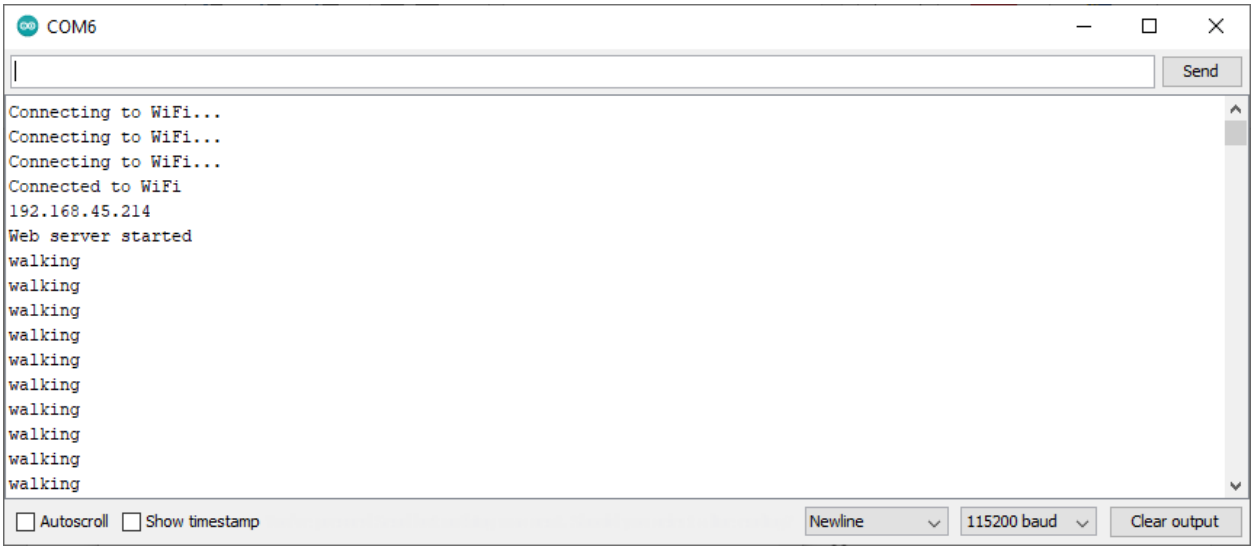
12. In the Library Manager window, search for and install the following libraries:
    a. Adafruit_MPU6050
    b. Adafruit_Sensor
    c. EloquentTinyML
13. Once the libraries are installed, copy the code you have provided into the Arduino IDE.
14. Open “Tools” menu, select “Boards” then “ESP8266 Boards” then search for “NodeMCU 1.0 (ESP-12E Module)”.



15. Don’t forget to plugin the board into your computer and select the port.
16. Replace the Wi-Fi network credentials (SSID and password) with your own network credentials.

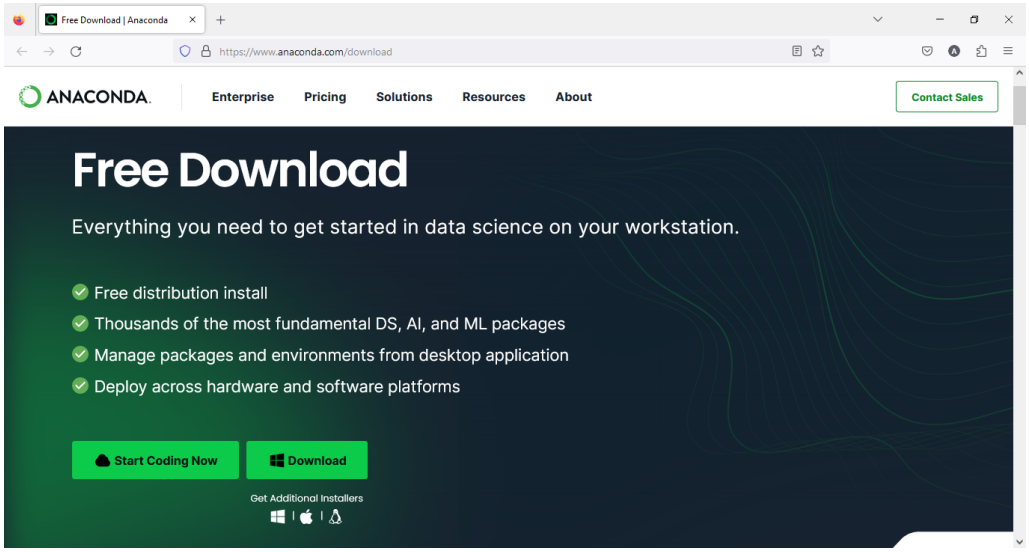
```
// Replace with your network credentials
const char* ssid = "T";
const char* password = "12345678";
```

17. Connect your MPU6050 accelerometer to your Arduino board via I2C.
18. Upload the code to the Arduino board.
19. Open the serial monitor to see any output from the board.
20. Access the web server by navigating to the IP address of the board in a web browser.

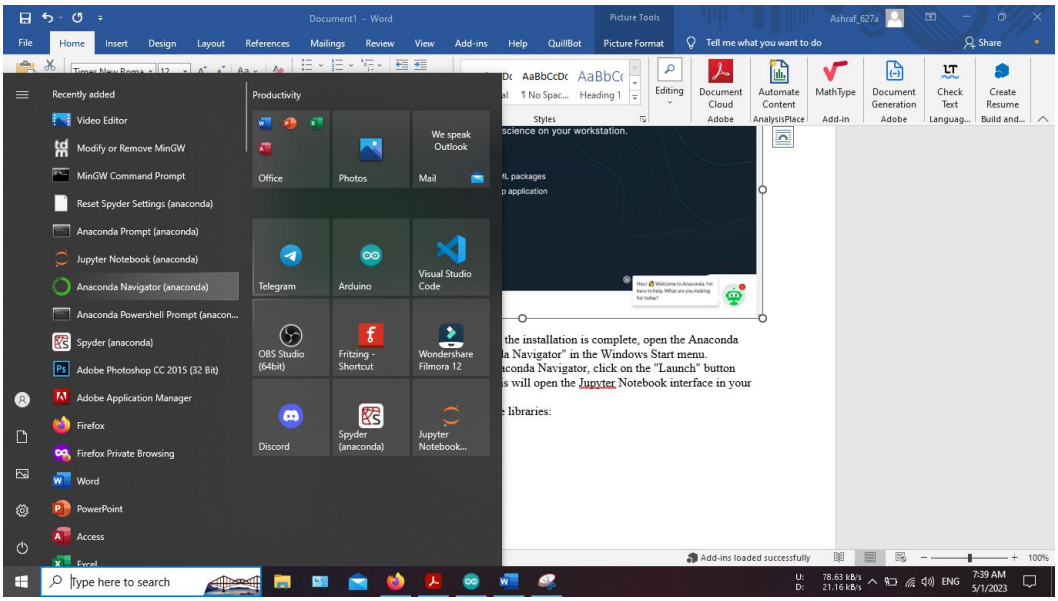


Setup Notebook

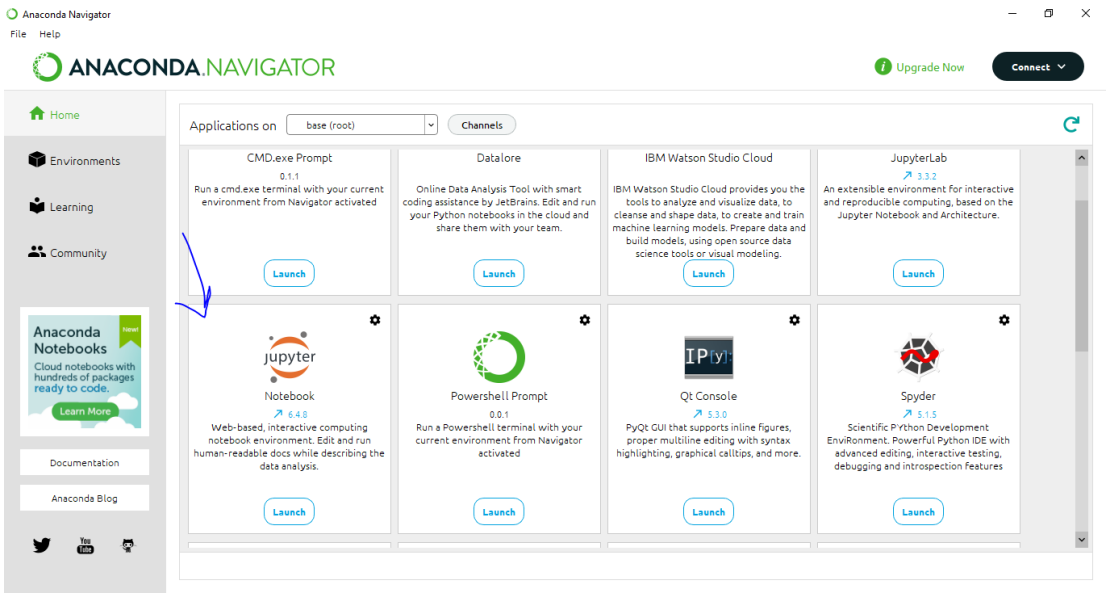
1. Download and install Anaconda: Go to the Anaconda download page at https://www.anaconda.com/products/distribution and download the appropriate version for your Windows operating system. Follow the installation instructions provided.



2. Open the Anaconda Navigator: Once the installation is complete, open the Anaconda Navigator by searching for "Anaconda Navigator" in the Windows Start menu.



3. Launch Jupyter Notebook: In the Anaconda Navigator, click on the "Launch" button under the Jupyter Notebook icon. This will open the Jupyter Notebook interface in your default web browser.



4. Make sure that you are installed these libraries:
    a. sklearn
    b. mlxtend
    c. numpy
    d. pandas
    e. matplotlib
    f. micromlgen
5. open the notebook and run the code!