1. Install Arduino IDE <https://www.arduino.cc/en/Main/Software>
2. Install CP210x USB Driver <https://www.silabs.com/products/development-tools/software/usb-to-uart-bridge-vcp-drivers>
3. Go to File -> Preference -> Paste this URL on “Additional Board Manager URL”  
   <http://arduino.esp8266.com/stable/package_esp8266com_index.json>

1. Open Arduino IDE, Go to Tools -> Boards -> Boards Manager -> Search “ESP8266” -> Install
2. Select Board: Go to Tools -> Boards -> Select “NodeMCU 1.0 (ESP-12E Module)”
3. Open Arduino IDE, Go to Sketch -> Include Library -> Libraries - > Search “Adafruit NeoPixel” -> Install -> “Arduino library for controlling single-wire-based LED pixels…”
4. Get a Master Device (Esp8266 NodeMCU) and connect it to the computer Arduino IDE installed
5. Open Arduino, Go to Tools -> Port -> Select Port Available other than Default port, (On Mac it will be like “SLAB\_USBTOUART”, on Windows Port Name is not Fixed, “COM 2/ 3”)
6. Open “Master.ino” file on Arduino -> Click Compile (Top-Left Tick Button)
7. After Successfully Compiles, Press Upload Button (Top-Left Arrow Button)
8. After “Upload Done” Master Device is ready to use
9. Unplug the Master Device and Connect the Client Device. Open “Client\_Device.ino” file.
10. Compile and Upload
11. Find Setup\_guide for further instructions

**Change System Network**

1. Open “Master.ino” and “Client\_Device.ino”
2. Find ” SSID\_default” on both the codes
3. Replace it with your desired Network name.
4. Compile and Upload

Note-

* Make sure both the SSID\_default should be same to match the same network.