**📁 Required Libraries**

**Install the following via Arduino Library Manager:**

* **ESP8266WiFi**
* **ESPAsyncTCP**
* **ESPAsyncWebServer**
* **DNSServer**

**🔧 How to Upload**

1. Open Arduino IDE.
2. Select Board: NodeMCU 1.0 (ESP-12E Module)
3. Install libraries listed above.
4. Paste the code.
5. Connect NodeMCU via USB.
6. Upload code and open Serial Monitor at **115200 baud**.