005 - Web Server

Introduction

In this module we will set up a WebServer that you can visit using your computer.

Equipment

1. ESP8266 Module

Steps

1. Connect the module and computer using the USB cable.
2. Load the ino file into Arduino Studio.
3. Set the ssid and password
4. Check the Board and Port settings
5. Press the upload button
6. Open the Monitor Console
7. After the sketch is uploaded the Modules IP address should be printed.
8. Connect your computer to the same WIFI network
9. Open a web browser
10. Type http:/// and press go
11. See "Hello World" printed into the browser and in the console module updated.
12. Any other page should show a 404 error in the browser and console.

Further

1. Change the messages
2. Try querying someone elses module when they have the webserver running.