ESP8266 WiFi client

The ESP8266 WiFi Module is a self-contained SOC with integrated TCP/IP protocol stack that can give any microcontroller access to your WiFi network. The module has a wireless WiFi transceiver operating in an unlicensed frequency range of 2400-2484 MHz in the IEEE 802.11 b/g/n standard, with support for TCP/IP communication protocol stack and WiFi security including WAP3.

Connecting to a wifi network is relatively easy with ESP8266WiFi library.

Compile the following code and upload it to the device.

In the above code please change ssid and password.

This code will connect to the wireless SSID and then ping the goolge web site