HTTP AT command of ESP8266

- **AT**

- **AT+RST**

- **AT+CWMODE=1 – set the module operating mode to STA**

- **AT+CWLAP – check the available access points to connect to.**

- **AT+CWJAP="ssid","password" to connect to the access point.**

- **AT+CIPMUX=1 – enable multiple connections.**

- **AT+CIFSR – check the module ip and connection status.**

- **AT+CIPSTART=4,"TCP","www.google.com",80 – start the connection to google (you may occasionally get DNS fail, just retry the command)**

- **AT+CIPSEND=4,42 -send 42 characters**

- **When you receive > from the module send the following data (replacing \r\n with CR and LF characters):**

- **GET/HTTP/1.1\r\n
  Host: www.google.com\r\n\r\n\r\n**