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Experiment No. : 14

Statement : To make ESP8266 Witty Cloud Development Board as an access point (AP)/hotspot.

Date of Exp. : xx/xx/xxxx

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#include <ESP8266WiFi.h>

#define led 2

#define red 15

#define green 12

#define blue 13

#define ldr A0

WiFiClient client;

WiFiServer server(80);

void setup() {

// put your setup code here, to run once:

pinMode(led, OUTPUT);

pinMode(red, OUTPUT);

pinMode(blue, OUTPUT);

pinMode(green, OUTPUT);

Serial.begin(9600);

WiFi.softAP("esp","esp@8266");

Serial.println();

Serial.println("Wifi hostspot started");

Serial.println(WiFi.softAPIP());

server.begin();

}

void loop() {

// put your main code here, to run repeatedly:

client = server.available();

if(client) {

String request = client.readStringUntil('\n');

Serial.println(request);

request.trim();

if (request =="GET /ledON HTTP/1.1") {

digitalWrite(green,HIGH);

}

if (request =="GET /ledOFF HTTP/1.1") {

digitalWrite(green,LOW);

}

}

}



