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Experiment No. : 15

Statement : To send data from ESP8266 Witty Cloud Development Board on ThingSpeak cloud.

Date of Exp. : / /

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#include <ESP8266WiFi.h>

#include<ThingSpeak.h>

#define led 2

#define red 15

#define green 12

#define blue 13

#define ldr A0

WiFiClient client;

long myChannelNumber=2490383;

const char myWriteAPIkey[]="ONMJZ6F6RIN0OPIF";

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.begin("realme narzo 20","yash1234");

while(WiFi.status() != WL\_CONNECTED){

Serial.print('.');

delay(200);

}

Serial.println();

Serial.println("witty board connected to wifi");

Serial.println(WiFi.localIP());

ThingSpeak.begin(client);

}

void loop() {

int value=analogRead(ldr);

Serial.print("LDR value:");

Serial.println(value);

ThingSpeak.writeField(myChannelNumber,1,value,myWriteAPIkey);

delay(200);

}

