#include <ESP8266WiFi.h> // ESP8266WiFi.h library

const char\* ssid     = "realmeXT";// replace subscribe with your WiFi SSID(Name)

const char\* password = "9876543210";//replace with Your Wifi Password name

const char\* host = "[api.thingspeak.com](http://api.thingspeak.com/)";

const char\* writeAPIKey = "X25OB85HA3JWTO2E"; //copy yout ThingSpeak channel API Key.

void setup() {

pinMode (D1,input)

 Serial.begin(115200);

delay(1000);

 Serial.println("Connecting to ");

       Serial.println(ssid);

  WiFi.begin(ssid, password);

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

delay(500);

    Serial.print(".");

  }

   Serial.println("");

   Serial.println("WiFi connected");

}

void loop() {

int Sen=digitalRead(D1);

  WiFiClient client;

const int httpPort = 80;

if (!client.connect(host, httpPort)) {

return;

  }

  String url = "/update?key=";

  url+=writeAPIKey;

  url+="&field1=";

  url+=String(Sen);

  url+="\r\n";

// Request to the server

  client.print(String("GET ") + url + " HTTP/1.1\r\n" +

"Host: " + host + "\r\n" +

"Connection: close\r\n\r\n");

  Serial.print("sensor:");

  Serial.print(Sen);

  Serial.print("\n");

  Serial.println("Send to ThingSpeak.\n");

client.stop();

  Serial.println("Wait for 15 sec to update next datapack in thingSpeak");

delay(1000);

}

|  |  |  |
| --- | --- | --- |
| |  | | --- | |  | |  |

#include <ESP8266WiFi.h>

#include <BlynkSimpleEsp8266.h>

BlynkTimer timer;

char auth[] = "4VkwCJDP7-gYh0si7U8tKmzH-0A7KWSo";

char ssid[] = "realmeXT";

char pass[] = "9876543210";

void sendSensor()

{

  int Sen=analogRead(A0);

  Blynk.virtualWrite(V0,Sen);

  if(Sen>580)

  {

    // Blynk.email("[iamsreena@gmail.com](mailto:iamsreena@gmail.com)", "");

    Blynk.notify("Alert");

  }

}

void setup()

{

  Serial.begin(9600);

  Blynk.begin(auth, ssid, pass);

  timer.setInterval(1000L, sendSensor);

}

void loop()

{

  Blynk.run();

  timer.run();

}