#include <ESP8266WiFi.h>

#define BLYNK\_PRINT Serial

#include <BlynkSimpleEsp8266.h>

char auth[] = "YourAuthToken";

/ WiFi credentials /

char ssid[] = "YourWifiName";

char pass[] = "WIfi Password";

/ HC-SR501 Motion Detector /

#define pirPin 5 // Input for HC-S501

int pirValue; // Place to store read PIR Value

int pinValue; //Variable to read virtual pin

BLYNK\_WRITE(V0)

{

pinValue = param.asInt();

}

void setup()

{

Serial.begin(115200);

delay(10);

Blynk.begin(auth, ssid, pass);

pinMode(pirPin, INPUT);

}

void loop()

{

if (pinValue == HIGH)

{

getPirValue();

}

Blynk.run();

}

void getPirValue(void) //Get PIR Data

{

pirValue = digitalRead(pirPin);

if (pirValue)

{

Serial.println("Motion detected");

Blynk.notify("Motion detected");

}

}