#define BLYNK\_PRINT Serial

#define BLYNK\_MAX\_SENDBYTES 128

#include <ESP8266\_Lib.h>

#include <BlynkSimpleShieldEsp8266.h>

BlynkTimer timer;

#define EspSerial Serial

#define ESP8266\_BAUD 115200

ESP8266 wifi(&EspSerial);

#include "SPI.h"

#include "MFRC522.h"

#define SS\_PIN 10

#define RST\_PIN 9

#define SP\_PIN 8

MFRC522 rfid(SS\_PIN, RST\_PIN);

char auth[] = "09754f5944c94ede9f2714b3802430ef";

char ssid[] = "android";

char pass[] = "leaprobots01";

void sendSensor()

{

if (!rfid.PICC\_IsNewCardPresent() || !rfid.PICC\_ReadCardSerial())

return;

String strID = "";

for (byte i = 0; i < 4; i++)

{

strID +=String(rfid.uid.uidByte[i], DEC);

}

Serial.print("Tap card key: ");

Serial.println(strID);

Blynk.virtualWrite(V1, strID);

rfid.PICC\_HaltA(); //

}

void setup(){

Serial.begin(115200);

Blynk.begin(auth,wifi, ssid, pass);

SPI.begin();

rfid.PCD\_Init();

timer.setInterval(2000L, sendSensor);

}

void loop(){

Blynk.run();

timer.run();

}