#HOUSE HOLD SECURITY

#define BLYNK\_TEMPLATE\_ID “TMPL3tCU8vmhH”

#define BLYNK\_TEMPLATE\_NAME “moƟon sensor”

#define BLYNK\_AUTH\_TOKEN “SzxYc2Uk3oIw-V24cdyZleCbi\_qzufIE”

#define BLYNK\_PRINT Serial

#include <ESP8266WiFi.h>

#include <BlynkSimpleEsp8266.h>

#include <Servo.h>

#include <WiFiClient.h>

Char auth[] = BLYNK\_AUTH\_TOKEN;

Char ssid[] = “Redmi 10”; //ssid or hotspot name

Char pass[] = “012345687”; // password

Int LED\_buzzer = 14; //pin D5

Const int SENSOR\_1 = 16; //pin D0

Const int SENSOR\_2 = 5; //pin D1

Const int SENSOR\_3 = 0; //pin D3

Const int LDRSensor\_1 = 12;

Const int LDRSensor\_2 = 13;

Servo myservo; //define servo name

BlynkTimer Ɵmer;

BLYNK\_WRITE(V1)

{

Int pos = param.asInt(); // Get value as integer

Myservo.write(pos);

}

Void setup() {

pinMode(SENSOR\_1, INPUT);

pinMode(LED\_buzzer, OUTPUT);

pinMode (LDRSensor\_1, INPUT);

pinMode (LDRSensor\_2, INPUT);

Serial.begin(9600);

Blynk.begin(auth, ssid, pass);

Myservo.aƩach(4); //pin D2

analogWrite(LED\_buzzer, 0);

}

Void loop() {

Blynk.run();

Ɵmer.run();

Int sensorvalue1 = digitalRead(SENSOR\_1);

Int sensorvalue2 = digitalRead(SENSOR\_2);

Int sensorvalue3 = digitalRead(SENSOR\_3);

Serial.print(sensorvalue1);

Serial.println(sensorvalue2);

Serial.print(“ “);

Serial.println(sensorvalue3);

Int Sensordata\_1 = digitalRead (LDRSensor\_1);

Int Sensordata\_2 = digitalRead (LDRSensor\_2);

If (sensorvalue1== 1 )

{

Blynk.virtualWrite(V2, sensorvalue1);

analogWrite(LED\_buzzer, 255);

delay(100);

}

Else if (sensorvalue2== 1 )

{

Blynk.virtualWrite(V3, sensorvalue2);

analogWrite(LED\_buzzer, 255);

delay(100);

}

Else if (sensorvalue3== 1 )

{

Blynk.virtualWrite(V4, sensorvalue3);

analogWrite(LED\_buzzer, 255);

delay(100);

}

Else {

analogWrite(LED\_buzzer, 0); }