#include <Adafruit\_LEDBackpack.h>

int moisture = 0;

Adafruit\_7segment ekran=Adafruit\_7segment();

void setup()

{

pinMode(A0, OUTPUT);

pinMode(A1, INPUT);

Serial.begin(9600);

ekran.begin(112);

}

void loop()

{

digitalWrite(A0, HIGH);

delay(10);

moisture = analogRead(A1);

digitalWrite(A0, LOW);

Serial.println(moisture);

ekran.println(moisture);

ekran.writeDisplay();

delay(100);

}

//NEM SENSÖRÜ

#include <Servo.h>

Servo servo\_motor;

int konum=0;

int mesafe=0;

int trig=3;

int echo=4;

void setup()

{

servo\_motor.attach(2);

pinMode(trig,OUTPUT);

pinMode(echo,INPUT);

}

void loop()

{

digitalWrite(trig,LOW);

delayMicroseconds(2);

digitalWrite(trig,HIGH);

delayMicroseconds(10);

digitalWrite(trig,LOW);

mesafe=(pulseIn(echo,HIGH)/2)/29.2;

if (mesafe<100){

for(konum=0;konum<=180;konum++)

{ servo\_motor.write(konum);

delay(10);}

for (konum=180;konum>=180;konum--)

{servo\_motor.write(konum);

delay(10);}}

}

//MESAFE SENSÖRLÜ SERVO

#include <Adafruit\_LEDBackpack.h>

#include <Servo.h>

Adafruit\_7segment ekran=Adafruit\_7segment();

Servo motor;

int okunan\_deger;

void setup()

{

pinMode(A1,INPUT);

ekran.begin(112);

motor.attach(9);

}

void loop()

{

okunan\_deger=analogRead(A1);

ekran.println(okunan\_deger);

ekran.writeDisplay();

motor.write(okunan\_deger);

delay(100);

}

//POTANSİYOMETRELİ SERVO