#include <Servo.h> // servo library

Servo myservo;

int m=0;

int n=0;

int pos = 0;

void setup()

{

// put your setup code here, to run once:

pinMode(A0, INPUT\_PULLUP); // Soil Moisture Sensor 1 PIN A0

pinMode(A1, INPUT\_PULLUP); // Soil Moisture Sensor 1 PIN A1

pinMode(8,OUTPUT); // Relay Module PIN D8

Serial.begin(9600); // Sensor Buart Rate

myservo.attach(9); // Servo PIN D9

digitalWrite(8, HIGH); // Relay Normally Hight for OFF condition

}

void loop()

{

// put your main code here, to run repeatedly:

int m= analogRead(A0); // Soil Moisture Sensor 1 PIN A0

int n= analogRead(A1); // Soil Moisture Sensor 1 PIN A1

Serial.println(m);

delay(10);

Serial.println(n);

delay(200);

if (m>=980)

{

myservo.write(90); // tell servo to go to position in variable 'pos'

digitalWrite(8, LOW); // Relay ON

delay(1000);

}

else if(m<=970)

{

digitalWrite(8, HIGH); // Relay ON

}

if (n>=980)

{

myservo.write(0); // tell servo to go to position in variable 'pos'

digitalWrite(8, LOW); // Relay ON

delay(1000);

}

else if(n<=970)

{

digitalWrite(8, HIGH); // Relay OFF

}

else

{

digitalWrite(8, HIGH); // Relay OFF

}

}