**ΠΑΡΑΔΕΙΓΜΑ ΚΩΔΙΚΑ ΓΙΑ ΕΛΕΓΧΟ ΣΕΡΒΟΚΙΝΗΤΗΡΑ ΜΕ ΑΝΑΛΟΓΙΚΟ ΣΗΜΑ**

int PWMpin = 5;

int ServoPosition;

int NewServoPosition;

void setup() {

ServoPosition = 220;

analogWrite(PWMpin,ServoPosition);

delay(3000);

}

void loop() {

// read the potentiometer on A0:

int sensorReading = analogRead(A0);

// map the result to 0 - 255

NewServoPosition = map(sensorReading, 0, 1023, 0, 255);

//if position has changed upadate PWM

if (NewServoPosition != ServoPosition){

ServoPosition = NewServoPosition;

analogWrite(PWMpin,ServoPosition);

}

}