**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);

 }

}