// Codigo Ejemplo

int Led\_Pin = 3;

int Led\_Pin1 = 5;

int Led\_Pin2 = 7;

int Fot\_Pin = A0;

int sensorValue = 0;

int outputValue = 0;

void setup()

{

Serial.begin(9600);

pinMode(Led\_Pin, OUTPUT);

pinMode(Led\_Pin1, OUTPUT);

pinMode(Led\_Pin2, OUTPUT);

}

void loop()

{

digitalWrite(Led\_Pin, HIGH);

digitalWrite(Led\_Pin1, LOW);

digitalWrite(Led\_Pin2, LOW);

sensorValue = analogRead(Fot\_Pin);

outputValue = map(sensorValue, 0, 1023, 0, 255);

analogWrite(Led\_Pin, outputValue);

analogWrite(Led\_Pin1, outputValue);

Serial.print("Lectura: ");

Serial.println(sensorValue);

Serial.print("Mapeado: ");

Serial.println(outputValue);

delay(400);

digitalWrite(Led\_Pin, LOW);

digitalWrite(Led\_Pin2, HIGH);

digitalWrite(Led\_Pin1, HIGH);

delay(400);

}