int value = 0;

void setup()

{

pinMode(led1, OUTPUT);

pinMode(led2, OUTPUT);

pinMode(led3, OUTPUT);

pinMode(led4, OUTPUT);

pinMode(led5, OUTPUT);

Serial.begin(9600);

}

void loop()

{

value = analogRead(ldrpin);

value = constrain(value,400,500);

value = map(value,400,500,255,0);

Serial.println(value);

analogWrite(led1, value);

value = analogRead(ldrpin);

value = constrain(value,400,500);

value = map(value,400,500,255,0);

Serial.println(value);

analogWrite(led2, value);

value = analogRead(ldrpin);

value = constrain(value,400,500);

value = map(value,400,500,255,0);

Serial.println(value);

analogWrite(led3, value);

value = analogRead(ldrpin);

value = constrain(value,400,500);

value = map(value,400,500,255,0);

Serial.println(value);

analogWrite(led4, value);

value = analogRead(ldrpin);

value = constrain(value,400,500);

value = map(value,400,500,255,0);

Serial.println(value);

analogWrite(led5, value);

delay(200);

}