const int ledPin = 8;

const int ldrPin = A0;

void setup()

{

Serial.begin(9600);

pinMode(ledPin, OUTPUT);

pinMode(ldrPin, INPUT);

}

void loop()

{

int ldrStatus = analogRead(ldrPin);

Serial.println(ldrStatus);

if (ldrStatus <= 10){

digitalWrite(ledPin , HIGH);

Serial.println("LDR is DARK , LED is ON");

}

}