/\*

Experiment No. : 03

Statement : Make a light intensity meter that

represent light intensity on 5 LEDs, such

that all LEDs would glow for maximum light,

no LED would glow for dark condition, and

likewise for in between light intensities.

Date of Exp. : xx/xx/xxxx

Author : Jagruti Bhoyar (A-08)

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/\* Code \*/

int ledPin1=11;

int ledPin2=9;

int ledPin3=6;

int ledPin4=3;

int ledPin5=5;

int ldrPin=A0;

void setup() {

Serial.begin(9600);

}

void loop() {

int sensorValue = analogRead(ldrPin);

int writeVal;

int voltOut;

Serial.println(sensorValue);

writeVal=map(sensorValue,1000,500,255,0);

analogWrite(ledPin1,writeVal);

analogWrite(ledPin2,writeVal);

analogWrite(ledPin3,writeVal);

analogWrite(ledPin4,writeVal);

analogWrite(ledPin5,writeVal);

delay(100);

}



