TITLE:STUDY OF ARDIUNO BORAD AND LEDPROGRAMMING.

Code:

int sensorPin = A0;

int ledPin = 9;

void setup()

{

Serial.begin(9600);

pinMode(sensorPin, INPUT);

pinMode(ledPin, OUTPUT);

}

void loop()

{

int sensorValue = analogRead(sensorPin);

if( sensorValue<= 300 ) // Change the value as per your requirement

{

digitalWrite(ledPin, HIGH);

Serial.print("LED ON ");

Serial.println(sensorValue);

delay(100);

}

else

{

digitalWrite(ledPin, LOW);

Serial.println("LED OFF");

}

}

OUTPUT:



