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Experiment No. : 05

Statement : Make a street light controller.

Date of Exp. : xx/xx/xxxx

Author : Jagruti Bhoyar (A-08)

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/\* Code \*/

#include<SoftwareSerial.h>

int sensorPin=A0;

int sensorValue = 0;

int led = 2;

void setup() {

// setup

pinMode(led, OUTPUT);

Serial.begin(9600);

}

void loop() {

sensorValue = analogRead(sensorPin);

Serial.println(sensorValue);

if(sensorValue < 50)

{

Serial.println("Light on");

digitalWrite(led,HIGH);

delay(500);

}

digitalWrite(led,LOW);

delay(sensorValue);

}



