

/*

Experiment No. : 05
Statement : Make a street light controller.
Date of Exp. : xx/xx/xxxx
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Code Snippet

```
int ldrPin=A0;
int led[]={2,3,4,5,6};
int loopLed =5;

void setup(){
    Serial.begin(9600);

    for(int i=0;i<= loopLed;i++){
        pinMode(led[i],OUTPUT);
        digitalWrite(led[i],HIGH);
    }
}

void loop(){
    int sensorValue=analogRead(ldrPin);
    int threshold=500;

    if(sensorValue>threshold){
        for(int i=0;i<loopLed;i++){
            digitalWrite(led[i],LOW);
        }
    }
    else{
        for(int i=0;i<loopLed;i++){
            digitalWrite(led[i],LOW);
        }
    }
    delay(500);}
```





