```
/*

Statement      :Make a street light controller.

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],HIGH);

          }

    }

    delay(500);

}
```