```
/*

Experiment No. :    05

Statement       :    Make a street light controller.

Date of Exp.    :     / /

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*/

int ledlight =4;
int ldr =A0;
// the setup routine runs once when you press reset:
void setup() {
  // initialize serial communication at 9600 bits per second:
  Serial.begin(9600);
}

// the loop routine runs over and over again forever:
void loop() {
  // read the input on analog pin 0:
  int sensorValue = analogRead(A0);
  // print out the value you read:
  Serial.println(sensorValue);
  delay(1);         // delay in between reads for stability
if(sensorValue>1000)
{
  digitalWrite(ledlight,HIGH);
 }
  else
  {
    digitalWrite(ledlight,LOW);
    }
}
```