



```
Code:const int ldrpin = A0;
const int ledpin = 13;
int threshold = 500;

void setup()
{
  pinMode(ledpin, OUTPUT);
  Serial.begin(9600);
}

void loop(){
  int val = analogRead(ldrpin);
  Serial.println(val);
  if (val > threshold) {
    digitalWrite(ledpin, HIGH);
  } else {
```

```
    digitalWrite(ledpin, LOW);  
  }  
  delay(200);  
}
```