

```
int ldr = 7;

int x;

int led = 13;


void setup()
{
    Serial.begin(9600);
    pinMode(ldr, INPUT);
    pinMode(led, OUTPUT);
}


void loop()
{
    x = digitalRead(ldr);
    Serial.println(x);

    if (x == HIGH) {
        digitalWrite(led, HIGH);
    }
    else {
        digitalWrite(led, LOW);
    }
    delay(500);
}
```

