

```
int ledPin02=8;
int ledPin=13;
int sensorPin=7;
boolean val =0;

void setup(){
pinMode(ledPin01, OUTPUT);
pinMode(ledPin02, OUTPUT);
pinMode(sensorPin, INPUT);
Serial.begin (9600); }

void loop (){
val =digitalRead(sensorPin);
Serial.println (val);
if (val==HIGH) {
digitalWrite(ledPin01, HIGH);
} else {
digitalWrite(ledPin01, LOW);
}
if (val==HIGH) {
digitalWrite(ledPin02, HIGH);
} else {
digitalWrite(ledPin02, LOW);
}
}
```