int ledPin=13;

int sensorPin=7;

boolean val =0;

void setup(){

pinMode(ledPin, OUTPUT);

pinMode(sensorPin, INPUT);

Serial.begin (9600);

}

void loop (){

val =digitalRead(sensorPin);

Serial.println (val);

// when the sensor detects a signal above the threshold value, LED flashes

if (val==HIGH) {

digitalWrite(ledPin, HIGH);

}

else {

digitalWrite(ledPin, LOW);

}

}