int led = 12;

int sensor = 2;

int temp=A0;

int state = LOW;

int buzzer=13;

int val = 0;

void setup() {

pinMode(led, OUTPUT);

pinMode(sensor, INPUT);

pinMode(temp,INPUT);

pinMode(buzzer,OUTPUT);

Serial.begin(9600);

}

void loop(){

double temp= analogRead(A0);

double c= (((temp/1024)\*5)-0.5)\*100;

Serial.print("Celsius Value");

Serial.println(c);

delay(1000);

if(c>50)

{

tone(13,30);

}

val = digitalRead(sensor);

if (val == HIGH) {

digitalWrite(led, HIGH);

delay(500);

if (state == LOW) {

state = HIGH;

}

}

else {

digitalWrite(led, LOW);

delay(500);

if (state == HIGH){

state = LOW;

}

}

}