void setup()

{

Serial.begin(9600);

pinMode(13, OUTPUT);

pinMode(12,OUTPUT);

}

void loop()

{

int a=analogRead(A0);

Serial.println(a);

if(a>500)

digitalWrite(13,HIGH);

else

digitalWrite(13,LOW);

double b=analogRead(A1);

double t=((((b/1024)\*5)-0.5)\*100);

Serial.print("temp value:");

Serial.println(t);

if(t>23)

digitalWrite(12,HIGH);

else

digitalWrite(12,LOW);

}