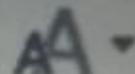


```
1 float temp;
2 float vout;
3 float vout1;
4 int LED=13;
5 int gasSensor;
6 int piezo=7;
7 void setup()
8 {
9     pinMode(A0, INPUT);
10    pinMode(A1, INPUT);
11    pinMode(LED, OUTPUT);
12    pinMode(piezo, OUTPUT);
13    Serial.begin(9600);
14 }
15 void loop()
16 {
17     vout=analogRead(A1);
18     vout1=(vout/1023)+5000;
19     temp=(vout1-500)/10;
20     gasSensor=analogRead(A0);
21     if(temp>=80)
22     {
23         digitalWrite(LED, HIGH);
24     }
25     else
26     {
27         digitalWrite(LED, LOW);
28     }
29     if(gasSensor>=100)
30     {
```



Text



```
19  temp=(vout1-500)/10;
20  gasSensor=analogRead(A0);
21  if(temp>=80)
22  {
23      digitalWrite(LED,HIGH);
24  }
25  else
26  {
27      digitalWrite(LED,LOW);
28  }
29  if(gasSensor>=100)
30  {
31      digitalWrite(piezo,HIGH);
32  }
33  else
34  {
35      digitalWrite(piezo,LOW);
36  }
37  Serial.print("in Degree c= ");
38  Serial.print(" ");
39  Serial.print(temp);
40  Serial.print("\t");
41  Serial.print("GasSensor");
42  Serial.print(" ");
43  Serial.print(gasSensor);
44  Serial.println();
45  delay(1000);
46  }
```

