

home automation

All changes saved

Code Start Simulation Send To

Text 1 (Arduino Uno R3)

```
1 #include <Servo.h>
2
3 Servo myservo;
4
5
6 #define ledR2 5
7 #define ledR1 4
8 #define ledY2 3
9 #define ledY1 2
10 #define ledG1 1
11 #define gas A0
12 #define buzzer 8
13 #define serv 5
14 #define temp A1
15
16 void setup()
17 {
18   pinMode(ledR1, OUTPUT);
19   pinMode(ledR2, OUTPUT);
20   pinMode(ledY1, OUTPUT);
21   pinMode(ledY2, OUTPUT);
22   pinMode(ledG1, OUTPUT);
23   pinMode(buzzer, OUTPUT);
24   myservo.attach(serv);
25   pinMode(gas, INPUT);
26   pinMode(temp, INPUT);
27   Serial.begin(9600);
28 }
29
30 void loop()
31 {
32   int read= analogRead(gas);
33   int val= map(read,80,380,0,100);
34   Serial.println(val);
35 }
```

Serial Monitor