

Text



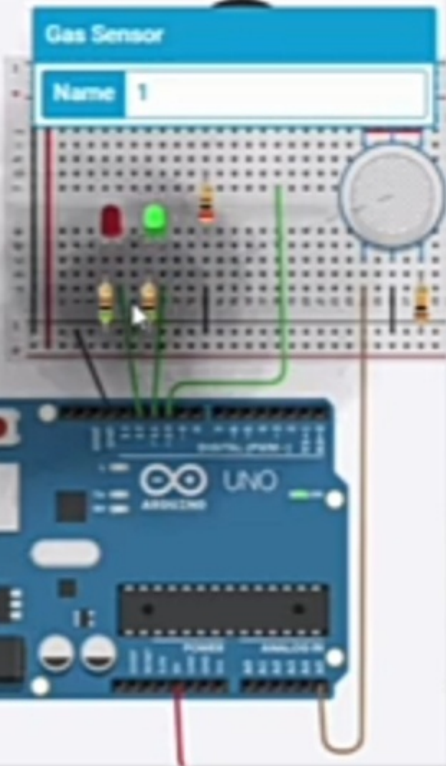
AA

1 (Arduino Uno R3)

```
1  int LED1 = 12;
2  int LED2 = 11;
3  int buzzer = 10;
4  int gas_sensor = A5;
5  int sensorThreshold = 600;
6
7  void setup() {
8      pinMode(LED1, OUTPUT);
9      pinMode(LED2, OUTPUT);
10     pinMode(buzzer, OUTPUT);
11     pinMode(gas_sensor, INPUT);
12     Serial.begin(9600);
13 }
14
15 void loop() {
16     int analogSensor = analogRead(gas_sensor);
17
18     Serial.print("SENSOR: ");
19     Serial.println(analogSensor);
20
21     if (analogSensor > sensorThreshold)
22     {
23         digitalWrite(LED1, HIGH);
24         digitalWrite(LED2, LOW);
25         tone(buzzer, 1000, 350);
26     }
27     else
28     {
29         digitalWrite(LED1, LOW);
30         digitalWrite(LED2, HIGH);
31         noTone(buzzer);
32     }
33     delay(100);
34 }
35
36
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38
39
```

Gas Sensor

Name 1



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  Serial.println(analogSensor);  
}
```

Serial Monitor

SENSOR: 539
SENSOR: 539
SENSOR: 539
SENSOR: 539
SENSOR: 539
SENSOR: 539
SENSOR: 539
SENSOR: 539

Send

Clear

AV

1 (Arduino Uno R3)

Gas-Sensor-Modu...png

Gas-Sensor-Pinout.jpg

circuit_design_gas_...jpg