

Source Code

```
#include <DHT.h>

#define DHTPIN 8

#define DHTTYPE DHT11

DHT dht(DHTPIN, DHTTYPE);

void setup() {

  pinMode(A0, INPUT);

  pinMode(A1, INPUT);

  pinMode(7,OUTPUT);

  pinMode(13,OUTPUT);

  // Initialize the DHT sensor

  dht.begin();

  Serial.begin(9600);

}

void loop() {

  // Read temperature and humidity from the DHT sensor

  float humidity = dht.readHumidity();

  float temperature = dht.readTemperature();

  float gasSensor = analogRead(A1);

  if(gasSensor>=1000){

    digitalWrite(7,HIGH);

    digitalWrite(13,HIGH);  }

  else{

    digitalWrite(7,LOW);
```

```
    digitalWrite(13,LOW);  
}  
  
// Print temperature and humidity  
Serial.print("Temperature in Degree C = ");  
Serial.print(temperature);  
Serial.print("\t");  
Serial.print("Humidity = ");  
Serial.print(humidity);  
Serial.print("\t");  
Serial.print("Gas Sensor = ");  
Serial.print(gasSensor);  
Serial.println();  
delay(1000);  
}
```