

```
int redLed = 1;  
int greenLed = 2;  
int buzzer = 0;  
int smokeA0 = A5;  
int temperature = A1;  
int blueLed = 7;  
int sensorThres = 400;
```

```
void setup() {  
    pinMode(redLed, OUTPUT);  
    pinMode(greenLed, OUTPUT);  
    pinMode(buzzer, OUTPUT);  
    pinMode(blueLed, OUTPUT);  
    pinMode(smokeA0, INPUT);  
    pinMode(temperature, INPUT);  
    Serial.begin(9600);  
}
```

```
void loop() {  
    int analogSensor = analogRead(smokeA0);  
    int analogSensor1 = analogRead(temperature);  
    Serial.print("Pin A5:");  
    Serial.print("Pin A1:");  
    Serial.println(analogSensor);  
    Serial.println(analogSensor);  
}
```

```
if (analogSensor > sensorThres || analogSensor1 > 23)
{
    digitalWrite(redLed, HIGH);
    digitalWrite(greenLed, LOW);
    digitalWrite(blueLed,HIGH);
    tone(buzzer, 1000, 200);
}
else
{
    digitalWrite(redLed, LOW);
    digitalWrite(greenLed, HIGH);
    digitalWrite(blueLed, LOW);
    noTone(buzzer);
}
delay(100);
```

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