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USN - IBM18CS094

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## IOT LAB

Arm : Gas sensor

```
int LED = 13;  
const int gas = 0;  
int gasPin = A0;
```

```
void setup() {  
  Serial.begin(9600);  
}
```

```
void loop() {  
  float sensorValue = analogRead(gasPin);  
  if (sensorValue >= 300)  
  {  
    digitalWrite(LED, HIGH);  
    Serial.print(sensorValue);  
    Serial.println(" ** smoke detected **");  
    delay(sensorValue);  
  }  
  else {  
    digitalWrite(LED, LOW);  
    Serial.println("Serial Value:");  
    Serial.println(sensorValue);  
    delay(1000);  
  }  
}
```

Sahmat