# GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

## ASSIGNMENT-2

## SOURCE CODE:

```python
import time

import random

i=0

while(i<=2000):

  i=i+1

  time.sleep(2)


  temp=random.randint(0,30)

  humid=random.randint(1,100)

  if temp<=15:

    print (temp, "the temperature is low, ALARM IS OFF")

  elif temp<=25:

    print (temp, "the temperature is normal, ALARM IS OFF")

  else:

    print (temp, "the temperature is high, ALARM IS ON")

  if humid<=15:

    print (humid, "the humidity is low, ALARM IS OFF")

  elif humid<=80:

    print (humid, "the humidity is normal, ALARM IS OFF")

  else:

    print (humid, "the humidity is high, ALARM IS ON")
```