

Gas Leakage monitoring & Alerting system for Industries

Assignment-2

CODE:

```
import random

from time import sleep

while True:

    temperature = random.randint(10, 50)

    humidity = random.randint(10, temperature)

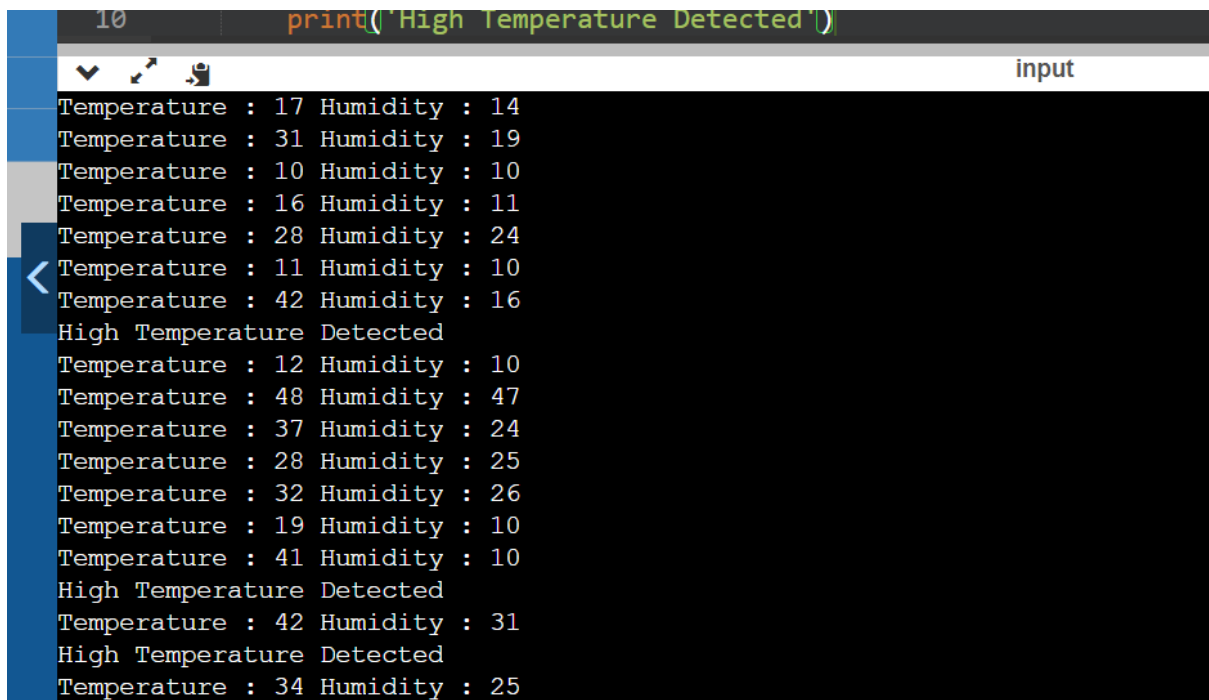
    print('Temperature :',temperature,'Humidity :',humidity)

    sleep(0.70)

    if temperature >37 and humidity <40:

        print('High Temperature Detected')
```

OUTPUT:



```
10 print('High Temperature Detected')
input
Temperature : 17 Humidity : 14
Temperature : 31 Humidity : 19
Temperature : 10 Humidity : 10
Temperature : 16 Humidity : 11
Temperature : 28 Humidity : 24
Temperature : 11 Humidity : 10
Temperature : 42 Humidity : 16
High Temperature Detected
Temperature : 12 Humidity : 10
Temperature : 48 Humidity : 47
Temperature : 37 Humidity : 24
Temperature : 28 Humidity : 25
Temperature : 32 Humidity : 26
Temperature : 19 Humidity : 10
Temperature : 41 Humidity : 10
High Temperature Detected
Temperature : 42 Humidity : 31
High Temperature Detected
Temperature : 34 Humidity : 25
```