

ASSIGNMENT - 2

Date	19 September 2022
Team ID	PNT2022TMID21384
Project Name	Gas Leakage monitoring & Alerting system for Industries
Project TEAM members	19D114 – ARIKARASHRI. K 19D127 – NITHISH KUMAR. M 19D129 – RANJITH KUMAR. P 19D130 – RUTHRAM. M 19D135 – UDHAYAKUMAR. U

PROGRAM

```
import random
while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b>60):
        print("High Temperature and Humidity of:",a,b,"%","Alarm
is ON")
    elif(a<35 and b<60):
        print("High Temperature and Humidity of:",a,b,"%","Alarm
is OFF")
    break
```

```
File Edit Format Run Options Window Help
import random
while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b>60):
        print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")
    elif(a<35 and b<60):
        print("High Temperature and Humidity of:",a,b,"%","Alarm is OFF")
    break
```

```
File Edit Shell Debug Options Window Help
python 3.10.2 (tags/v3.10.2:5a5836b, Jan 17 2022, 14:12:13) [AMD64] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/kavii/OneDrive/Documents/py/Assignment 2.py =====
High Temperature and Humidity of: 49 99 % Alarm is ON
High Temperature and Humidity of: 43 84 % Alarm is ON
High Temperature and Humidity of: 96 100 % Alarm is ON
High Temperature and Humidity of: 96 82 % Alarm is ON
High Temperature and Humidity of: 15 51 % Alarm is OFF
>>>
```