

GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES

DEVELOP A PYTHON CODE

Team ID	PNT2022TMID21717
Project Name	Project - Gas leakage monitoring and alerting system for industries

PYTHON CODE

```
import random

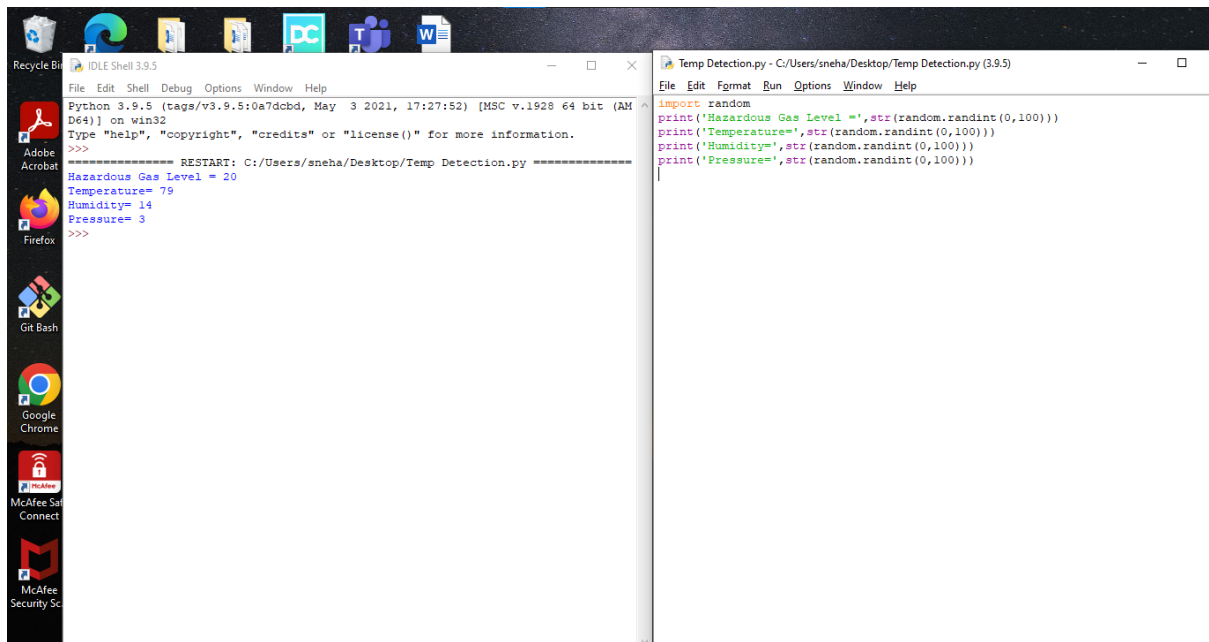
print('Hazardous Gas Level =',str(random.randint(0,100)))

print('Temperature=',str(random.randint(0,100)))

print('Humidity=',str(random.randint(0,100)))

print('Pressure=',str(random.randint(0,100)))
```

OUTPUT:



The screenshot displays a Windows desktop environment. On the left, a taskbar contains icons for Recycle Bin, File Explorer, Microsoft Edge, and several pinned applications including Adobe Acrobat, Firefox, Git Bash, Google Chrome, McAfee Security Scan, and McAfee Security Scan. The main area shows two windows. The background window is the IDLE 3.9.5 Python IDE, which has a menu bar (File, Edit, Shell, Debug, Options, Window, Help) and a console window. The console shows the execution of a Python script, with the following output:
Python 3.9.5 (tags/v3.9.5:0a7dcbf, May 3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/sneha/Desktop/Temp Detection.py =====>>>
Hazardous Gas Level = 20
Temperature= 79
Humidity= 14
Pressure= 3
>>>
The foreground window is a text editor titled 'Temp Detection.py - C:/Users/sneha/Desktop/Temp Detection.py (3.9.5)'. It contains the following Python code:
import random
print('Hazardous Gas Level =',str(random.randint(0,100)))
print('Temperature=',str(random.randint(0,100)))
print('Humidity=',str(random.randint(0,100)))
print('Pressure=',str(random.randint(0,100)))