

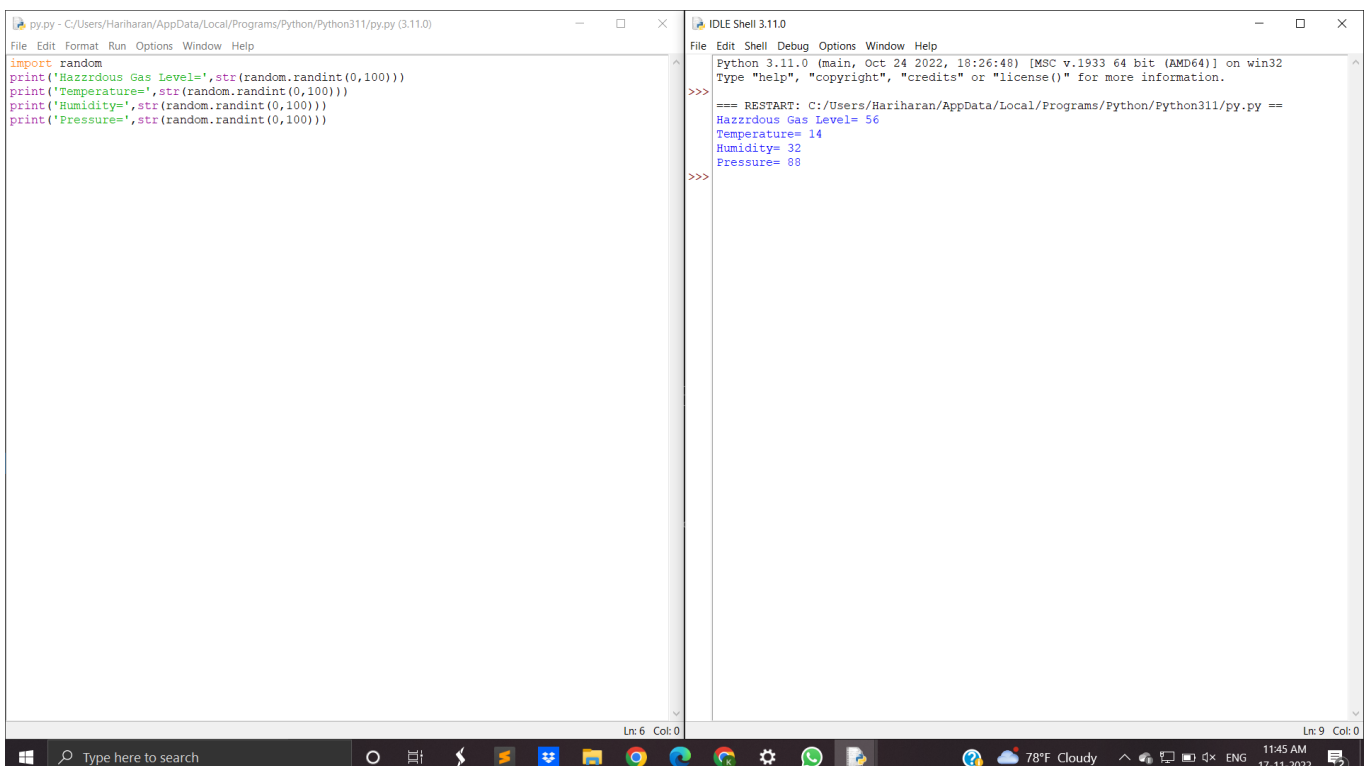
PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

Date	3 NOVEMBER 2022
Team ID	PNT2022TMID15782
Project Name	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 Python IDE with two windows. The left window, titled 'py.py - C:/Users/Hariharan/AppData/Local/Programs/Python/Python311/py.py (3.11.0)', contains the following code:

```
import random  
print('Hazzrdous 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)))
```

The right window, titled 'IDLE Shell 3.11.0', shows the output of the code after execution:

```
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>> == RESTART: C:/Users/Hariharan/AppData/Local/Programs/Python/Python311/py.py ==  
Hazzrdous Gas Level= 56  
Temperature= 14  
Humidity= 32  
Pressure= 88  
>>>
```

The Windows taskbar at the bottom shows the system clock as 11:45 AM on 17-11-2022, with a weather widget indicating 78°F Cloudy.

