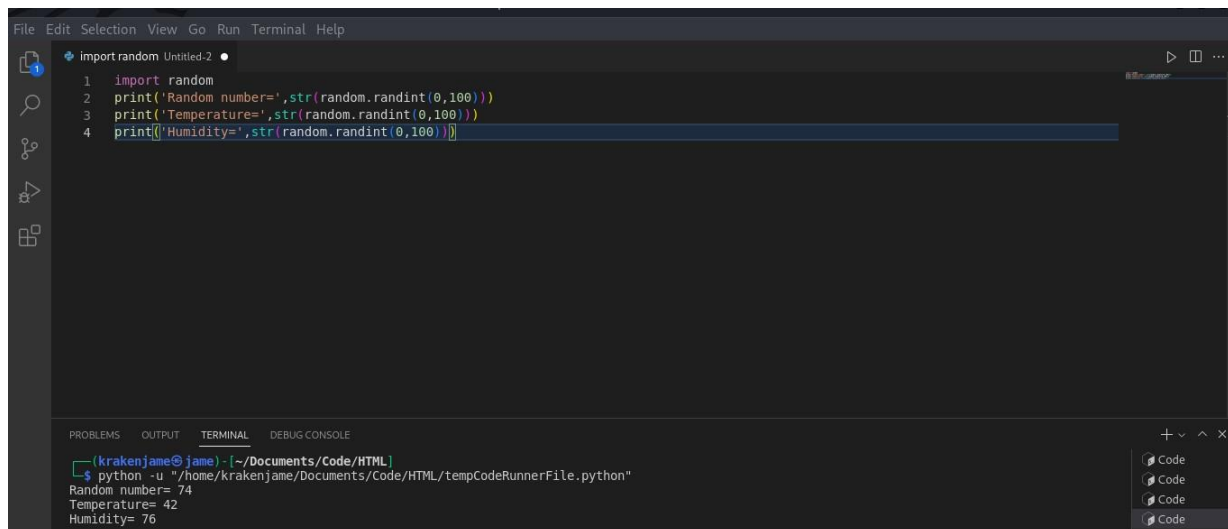


<b>Project Name</b>	<b>Gas leakage and monitoring system</b>
<b>Team ID</b>	<b>PNT2022TMID22149</b>
<b>Date</b>	<b>15.11.2022</b>

## PYTHON CODE:

```
import random
print('Random number=',str(random.randint(0,100)))
print('Temperature=',str(random.randint(0,100)))
print('Humidity=',str(random.randint(0,100)))
```



The screenshot shows a code editor with a dark theme. The editor window displays a Python script with four lines of code. Below the editor, a terminal window is open, showing the command to run the script and its output. The output displays three random values: a random number, a temperature, and a humidity level.

```
File Edit Selection View Go Run Terminal Help
import random Untitled-2
1 import random
2 print('Random number=',str(random.randint(0,100)))
3 print('Temperature=',str(random.randint(0,100)))
4 print('Humidity=',str(random.randint(0,100)))

(krakenjane@jame) - [~/Documents/Code/HTML]
$ python -u "/home/krakenjane/Documents/Code/HTML/tempCodeRunnerFile.python"
Random number= 74
Temperature= 42
Humidity= 76
```

IBM Watson IoT Platform

?

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Browse

Action

Device Types

Interfaces

Add Device

Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
Ultrasonic	{"Temperature":68,"Humidity":31,"pressure":99,...	json	a few seconds ago
Ultrasonic	{"Temperature":89,"Humidity":1,"pressure":96,...	json	a few seconds ago
Ultrasonic	{"Temperature":46,"Humidity":27,"pressure":39,...	json	a few seconds ago
Ultrasonic	{"Temperature":82,"Humidity":18,"pressure":35,...	json	a few seconds ago
Ultrasonic	{"Temperature":29,"Humidity":79,"pressure":81,...	json	a few seconds ago

1 Simulation running

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Browse

Action

Device Types

Interfaces

Identity

Device Information

Recent Events

State

The recent events listed show the live stream of data that is coming and going

Event	Value
Ultrasonic	{"Temperature":2,"Humidity":75,"pressure":17,"..."}
Ultrasonic	{"Temperature":68,"Humidity":31,"pressure":99,"..."}
Ultrasonic	{"Temperature":89,"Humidity":1,"pressure":96,"..."}
Ultrasonic	{"Temperature":46,"Humidity":27,"pressure":39,"..."}
Ultrasonic	{"Temperature":82,"Humidity":18,"pressure":35,"..."}

Device Type: Ultrasonic

Events 1

New event type +

Event type name

Ultrasonic

Send

Schedule

1

Every Minute

Payload

Specify the event payload in the editor window or by uploading a CSV file.

```

0 {
1   "Temperature": random(1,100),
2   "Humidity": random(1,100),
3   "pressure": random(1,100),
4   "Hazardous Gas": random(1,100)
5 }
6
7

```

https://147190.internetofthings.ibmcloud.com/dashboard#