```python
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:

python code.py - E:\python\python code.py (3.9.8)

File Edit Format Run Options Window Help

```python
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)))
```

IDLE Shell 3.9.8

File Edit Shell Debug Options Window Help

```
Python 3.9.8 (tags/v3.9.8:bb3fdcf, Nov  5 2021, 20:48:33) [MSC v.1929 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=============== RESTART: E:\python\python code.py ===============
Hazardous Gas Level= 46
Temperature= 31
Humidity= 74
Pressure= 96
>>>
```

Ln: 9 Col: 4

Activate Windows

Add Device ⊕

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
☐						
☑	12345	≋ Disconnected	Nagarajan	Device	Oct 31, 2022 11:38 AM	

↑ ••• ✕

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
event_1	{"Hazardous Gas":61,"Temperature":88,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":20,"Temperature":36,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":79,"Temperature":56,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":52,"Temperature":82,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":33,"Temperature":26,"Humidit...	json	a few seconds ago

1 Simulation running

Browse   Action   Device Types   Interfaces

Identity   Device Information   State   Logs

Recent Events

Device Type: Nagarajan

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

Event	Value	Format	Last Receive
event_1	{"Hazardous Gas":57,"Temperature":98,"Humidit...	json	a few secor
event_1	{"Hazardous Gas":3,"Temperature":35,"Humidity...	json	a few secor
event_1	{"Hazardous Gas":69,"Temperature":74,"Humidit...	json	a few secor
event_1	{"Hazardous Gas":85,"Temperature":51,"Humidit...	json	a few secor
event_1	{"Hazardous Gas":92,"Temperature":35,"Humidit...	json	a few secor

Items per page 50 ▼ | 1–1 of 1 item

New event type ⊕

Send

Events 1

> Event type name   event_1

Schedule

20   Every Minute ▶

Payload

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

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

Cancel   Save