PYTHON CODE (GAS, TEMPERATURE, HUMIDITY, PRESSURE)

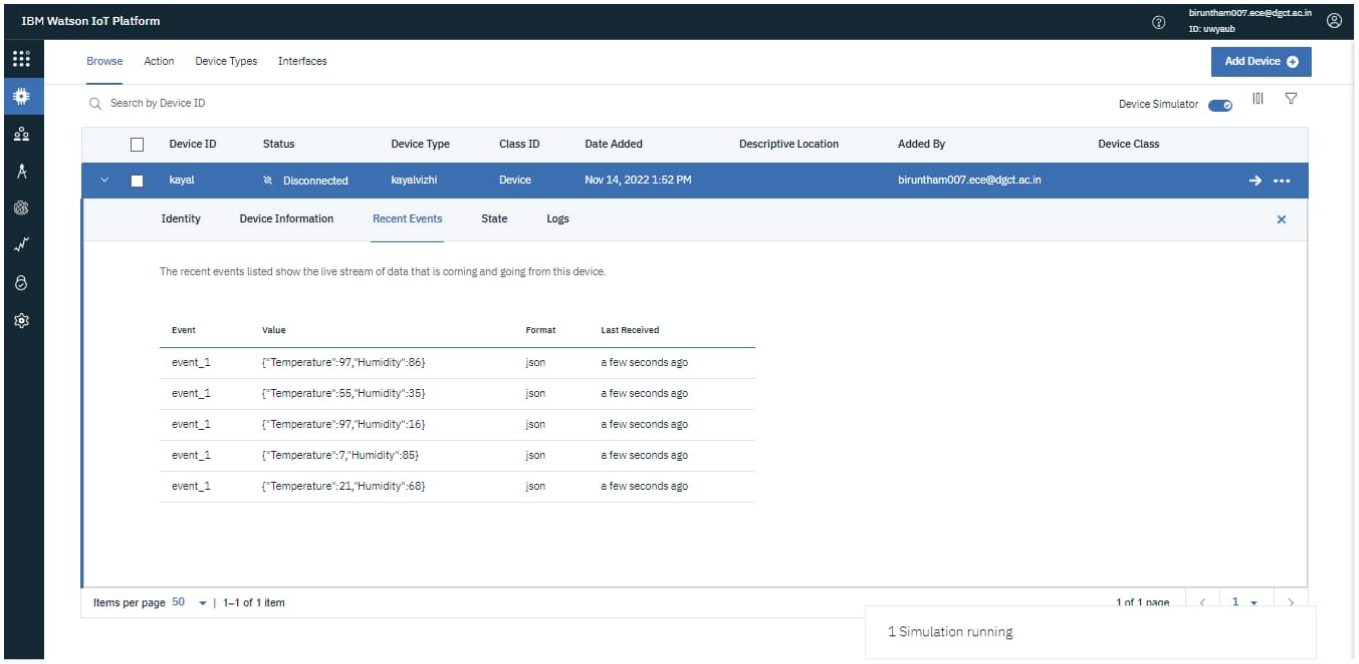
Date	18 November 2022
Team ID	PNT2022TMID29894
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Mark	4 marks

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)))
```

OUTPUT:

code.py - C:/python/code.py (3.11.0)
File Edit Format Run Options Window Help
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)))
Ln: 6 Col: 0
IDLE Shell 3.11.0
File Edit Shell Debug Options Window Help
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:/python/code.py ==========
Hazardous Gas Level= 95
Temperature= 62
Humidity= 40
Pressure= 14
>>>
Ln: 9 Col: 0


IBM Watson IoT Platform
biruntham007.ece@dgct.ac.in
ID: uwyaub
Browse
Action
Device Types
Interfaces
Add Device
Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
Added By
Device Class
kayal
Disconnected
kayalvizhi
Device
Nov 14, 2022 1:52 PM
biruntham007.ece@dgct.ac.in
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
{"Temperature":97,"Humidity":86}
json
a few seconds ago
event_1
{"Temperature":55,"Humidity":35}
json
a few seconds ago
event_1
{"Temperature":97,"Humidity":16}
json
a few seconds ago
event_1
{"Temperature":7,"Humidity":85}
json
a few seconds ago
event_1
{"Temperature":21,"Humidity":68}
json
a few seconds ago
Items per page 50
1–1 of 1 item
1 of 1 page
1
1 Simulation running