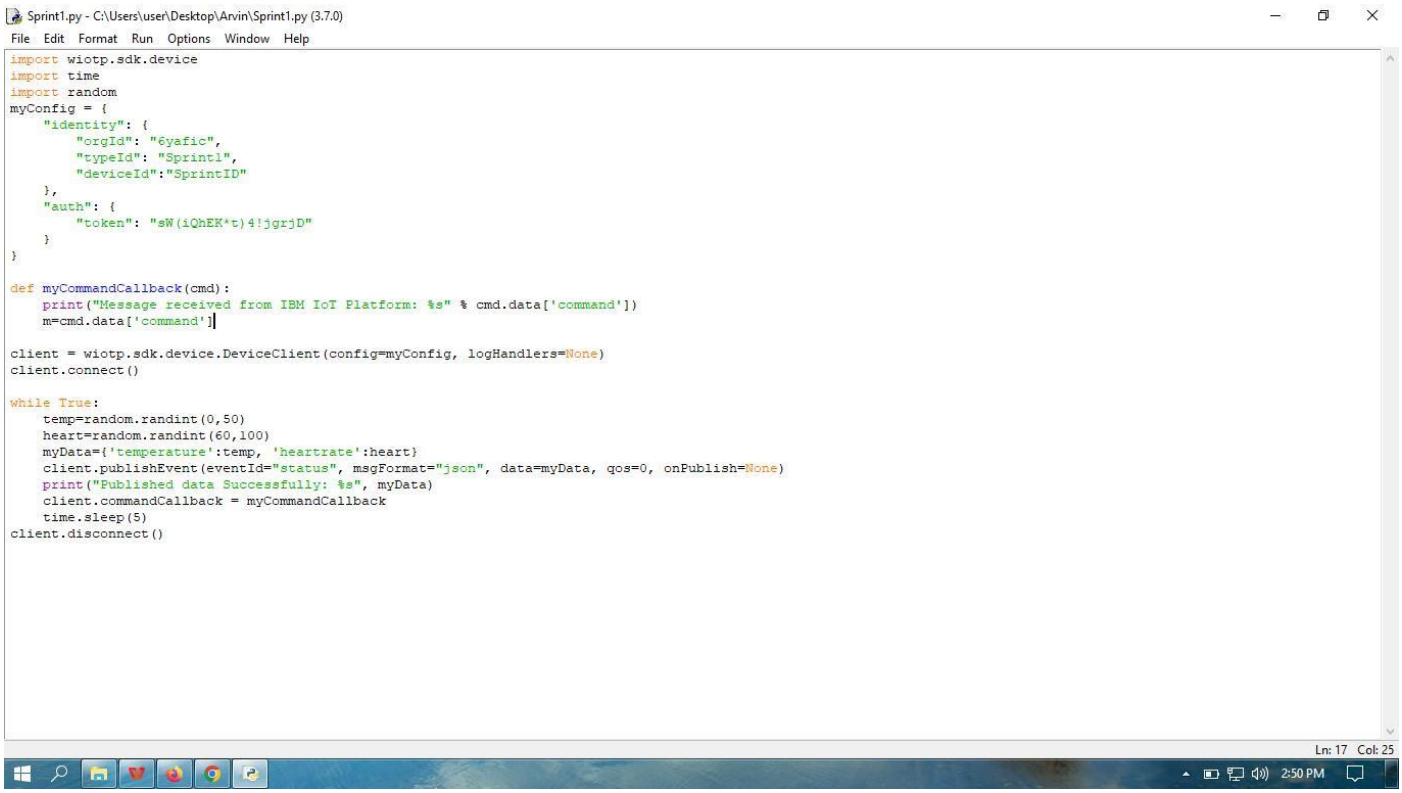
DEVELOP THE PYTHON SCRIPT

We are getting temperature and humidity of worker as input through the beacon scanner (python code)

Publishing the python script



Sprint1.py - C:\Users\user\Desktop\Arvin\Sprint1.py (3.7.0)

File Edit Format Run Options Window Help

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "6yafic",
        "typeId": "Sprint1",
        "deviceId":"SprintID"
    },
    "auth": {
        "token": "sW(iQhEK*t)4!jgrjD"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    temp=random.randint(0,50)
    heart=random.randint(60,100)
    myData={'temperature':temp, 'heartrate':heart}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPubli
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(5)
client.disconnect()
```

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Python 3.7.0 Shell

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```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\user\Desktop\Arvin\Sprint1.py ==========
2022-11-10 14:51:02,276  wiotp.sdk.device.client.DeviceClient  INFO    Connecte
d successfully: d:6yafic:Sprint1:SprintIDPublished data Successfully: %s
 {'temperature': 14, 'heartrate': 74}
Published data Successfully: %s {'temperature': 49, 'heartrate': 89}
Published data Successfully: %s {'temperature': 2, 'heartrate': 60}
```

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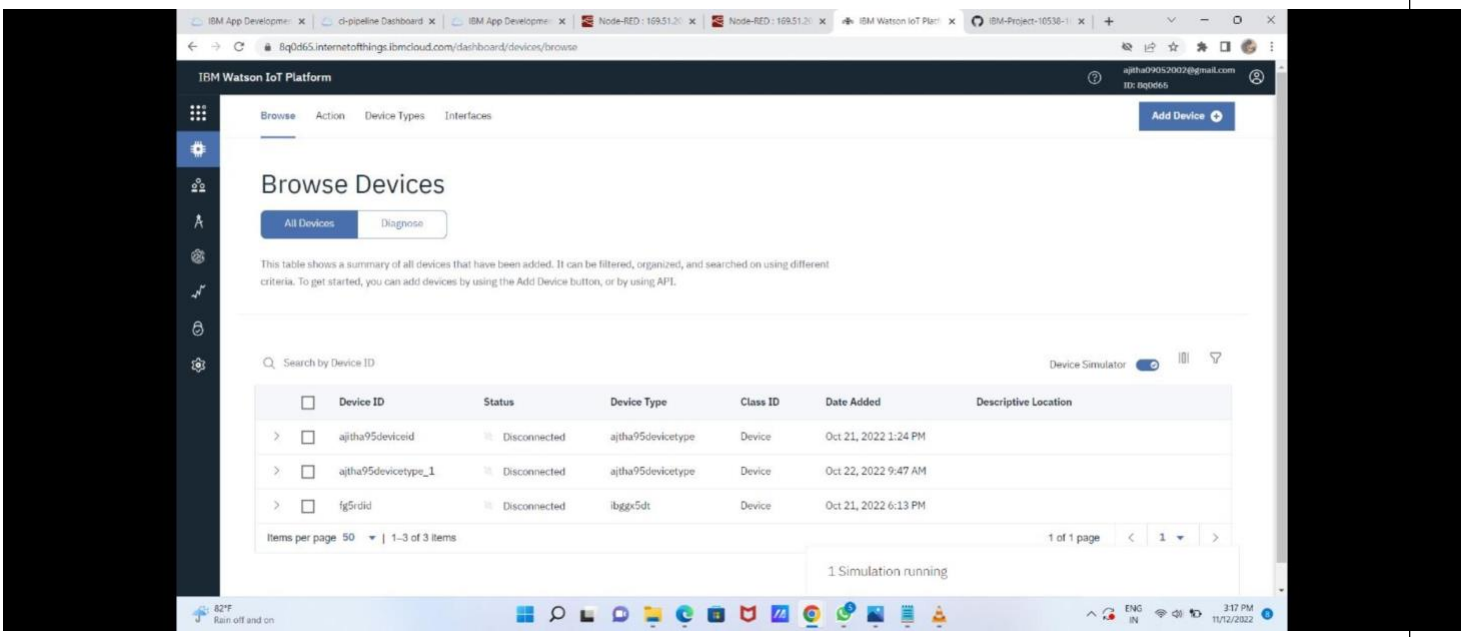
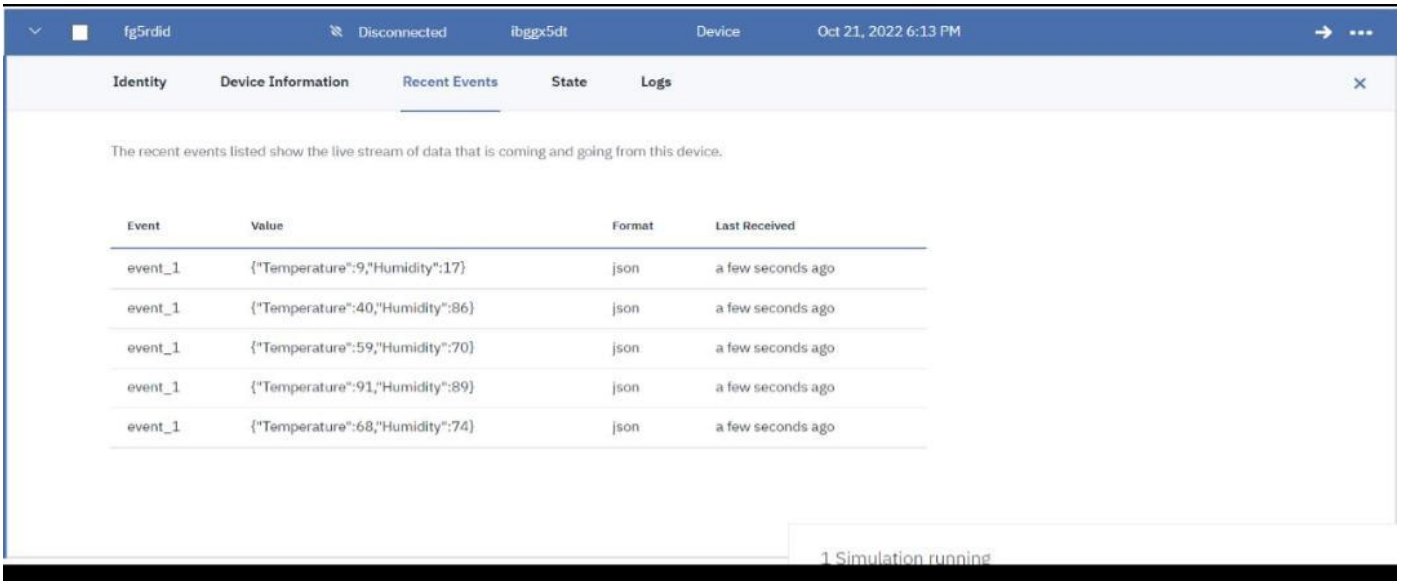
2:51 PM




fg5rdid
Disconnected
ibggx5dt
Device
Oct 21, 2022 6:13 PM
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":9,"Humidity":17}
json
a few seconds ago
event_1
{"Temperature":40,"Humidity":86}
json
a few seconds ago
event_1
{"Temperature":59,"Humidity":70}
json
a few seconds ago
event_1
{"Temperature":91,"Humidity":89}
json
a few seconds ago
event_1
{"Temperature":68,"Humidity":74}
json
a few seconds ago
1 Simulation running