## **DEVELOP THE PYTHON SCRIPT**

**Date: 17-NOV-2022** 

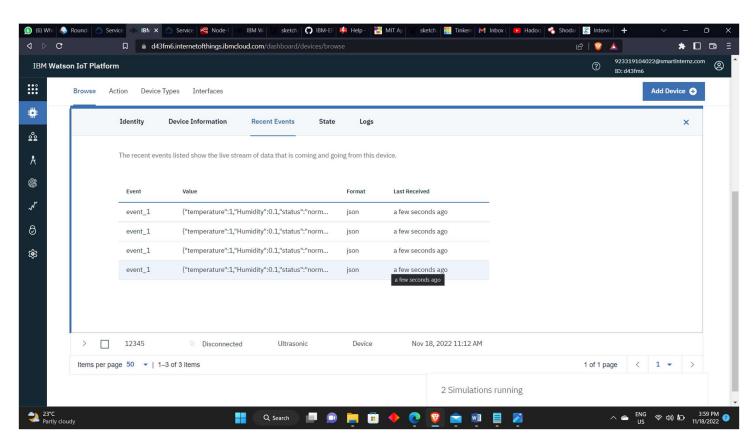
We are getting temperature and heart rate of workers as input through the beacon scanner (python code)

## **Publish the Python script**

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```
Sprint1.py - C:\Users\user\Desktop\Arvin\Sprint1.py (3.7.0)
                                                                                                                                                               *Python 3.7.0 Shell*
                                                                                                                                                                                                                                                                                                  File Edit Format Run Options Window Help
                                                                                                                                                               File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:lbf9co5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6 ^
import wiotp.sdk.device
import time
import random
                                                                                                                                                               4)1 on win32
myConfig = {
    "identity": {
        "orgId": "6yafic",
        "typeId": "Sprintl",
        "deviceId": "SprintID"
                                                                                                                                                               Type "copyright", "credits" or "license()" for more information.
                                                                                                                                                                                      == RESTART: C:\Users\user\Desktop\Arvin\Sprint1.pv ==
                                                                                                                                                               Z022-11-10 14:51:02.276 whostp.sdk.device.client.DeviceClient INFO (d successfully: d:6yafic:Sprintl:SprintIDPublished data Successfully: %s ('temperature': 14, 'heartrate': 74) Published data Successfully: %s ('temperature': 49, 'heartrate': 89) Published data Successfully: %s ('temperature': 2, 'heartrate': 60)
        "auth": [
               "token": "sW(iQhEK*t)4!jgrjD"
 def myCommandCallback(cmd):
       print ("Message received from IBM IoT Platform: %s" % cmd.data['command'])
 client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
       temp=random.randint(0,50)
heart=random.randint(60,100)
       neart-random.randin(cp.10)
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()
                                                                                                                                                                                                                                                                                                    Ln: 5 Col: 0
```



Published data for temperature and humidity