PROJECT DEVELOPMENT PHASE

SPRINT 4

PYTHON SCRIPT FOR MEDICINE REMAINDER

TEAM ID	PNT2022TMID39429
PROJECT TITLE	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

STEP 1:

PYTHON CODE FOR MEDICINE REMAINDER

```
import json

import wiotp.sdk.device

import time

import random

myConfig = {

"identity": {

"orgId": "tboyb4",

"typeId": "medicineremainder",

"deviceId": "19171603"

},

"auth": {

"token": "12345678"

}

}

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

```
client.connect()

for i in range(0,20):

 tablet=["Amlodipine
Besylate","Azithromycin","Metformin","Amoxicillin","Cetirizine"]

 medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]

 name = "Rajammal"

 medicine=random.choice(tablet)

 medicinetime=random.choice(medicinetime)

 mydata = {'Patient Name': name, 'Medicine Name': medicine, 'Time':
medicinetime}

 client.publishEvent("IoTSensor", "json", data=mydata, qos=0,
onPublish=None)

 print("Data published to IBM IOT platform :", mydata)

 time.sleep(5)

client.disconnect()
```

STEP 2:

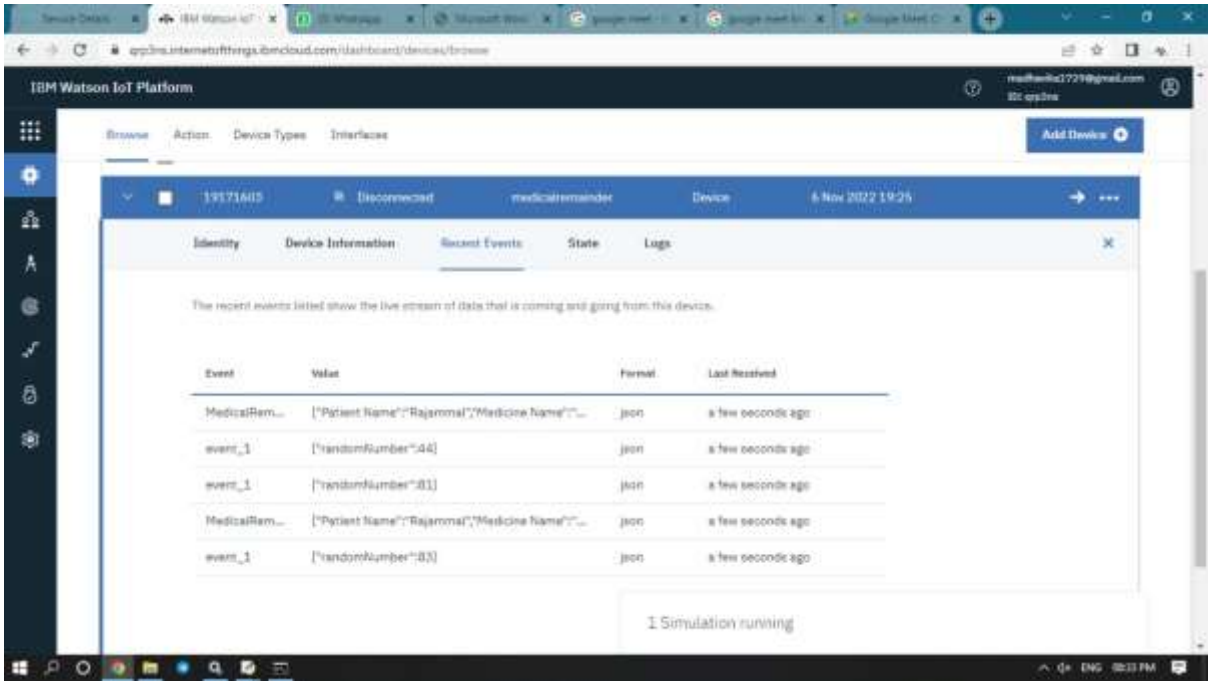
PYTHON CODE IN PYTHON SHELL 3.7.0

STEP 3:

OUTPUT FOR PYTHON CODE

STEP 4:

PYTHON CODE CONNECTED TO IBM WATSON IOT PLATFORM



OUTPUT IS DISPLAYED IN IBM PLATFORM