

Date	14 November 2022
Team ID	PNT2022TMID13442
Project Name	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT

DEVELOP A PYTHON SCRIPT:

```

karthi1.py - C:/karthi/karthi1.py (3.7.4)
File Edit Format Run Options Window Help

import json
import wiotp.sdk.device
import time
import random

myConfig = {
    "identity": {
        "orgId": "4sqvlg",
        "typeId": "IOT",
        "deviceId": "26102002"
    },
    "auth": {
        "token": "621319106034"
    }
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
for i in range(0,20):
    tablet=["Paracetamol","Aspirine","Dolo 650","Insulin","Vicks"]
    medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]
    name = "ajth"
    medicine=random.choice(tablet)
    medicinetime=random.choice(medicinetime)
    mydata = {'Patient Name': name, 'Medicine Name': medicine, 'Time': medicinetime}
    client.publishEvent("MEDICINE REMINDER", "json", data=mydata, qos=0, onPublish=None)
    print("Data published to IBM IOT platform :", mydata)
    time.sleep(5)
client.disconnect()

```

```

Python 3.7.4 Shell
File Edit Shell Debug Options Window Help

Python 3.7.4 (tags/v3.7.4:09359112e, Jul 8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/karthi/karthi1.py =====
2022-11-19 14:40:39,365 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:4sqvlg:IOT:26102002
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 1.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Insulin', 'Time': 18.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 5.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Vicks', 'Time': 3.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Dolo 650', 'Time': 1.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Insulin', 'Time': 20.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 1.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 20.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 7.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 18.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Insulin', 'Time': 20.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Dolo 650', 'Time': 5.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Vicks', 'Time': 7.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Vicks', 'Time': 1.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Dolo 650', 'Time': 5.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 12.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 3.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Vicks', 'Time': 20.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 3.0)
Data published to IBM IOT platform : ('Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 18.0)
2022-11-19 14:42:20,191 wiotp.sdk.device.client.DeviceClient INFO Disconnected from the IBM Watson IoT Platform
2022-11-19 14:42:20,215 wiotp.sdk.device.client.DeviceClient INFO Closed connection to the IBM Watson IoT Platform
>>>

```

WhatsAppNode-RED : node-Node-RED DashboService Details - IBICloudant DashboIBM Watson IoT Pl

4sqv1g.internetofthings.ibmcloud.com/dashboard/devices/browse

karthickc26102002@gmail.comID: 4sqv1g

IBM Watson IoT Platform

BrowseActionDevice TypesInterfaces

Add Device

IdentityDevice InformationRecent EventsStateLogs

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

Event	Value	Format	Last Received
MEDICINE R...	{"Patient Name":"ajth","Medicine Name":"Parace...	json	an hour ago
MEDICINE R...	{"Patient Name":"ajth","Medicine Name":"Parace...	json	an hour ago
MEDICINE R...	{"Patient Name":"ajth","Medicine Name":"Vicks"...	json	an hour ago
MEDICINE R...	{"Patient Name":"ajth","Medicine Name":"Aspirin...	json	an hour ago
MEDICINE R...	{"Patient Name":"ajth","Medicine Name":"Parace...	json	an hour ago

30°C Cloudy

Search

ENG IN

15:47 19-11-2022