

DEVELOP A PYTHON SCRIPT

Date	18 November 2022
Team Id	PNT2022TMID21568
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant

Python Script:

```
#IBM Watson IOT
Platform#pip install
wiotp-sdk import
wiotp.sdk.device import
time
import
random
myConfig = {
    "identity": {
        "orgId":
        "brtbli",
        "typeId": "Mydevice",
        "deviceId":"12345"
    },
    "auth": {
        "token": "9uhV*phxagzA8QqSC"
    }
}

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:
    med="aspirin
    " med1="D
    Cold"
    myData={'medicine1':med, 'medicine2':med1}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,
onPublish=None)
    print("Published data Successfully: %s",
    myData)    client.commandCallback    =
    myCommandCallbacktime.sleep(2)
client.disconnect()
```

Output:

[illegible]

← → ↻ 🔒 Tazmi.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

aliamin@student.ttu.edu ID: 7kuri

Browse Action Device Types Interfaces

Add Device

medicneapp

Disconnected

nodamcu

Device

Nov 18, 2022 5:30 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	{"randomNumber":18,"time":18,"date":100}	json	a few seconds ago
event_1	{"randomNumber":50,"time":52,"date":87}	json	a few seconds ago
event_1	{"randomNumber":40,"time":75,"date":98}	json	a few seconds ago

1 Simulation running