

## DEVELOP A PYTHON SCRIPT

TeamID	PNT2022TMID13510
ProjectName	Project-Personal Assistance for Seniors Who Are Self-Reliant

### PythonScript:

#IBM Watson IOT

Platform#pip install wiotp-

sdkimport

wiotp.sdk.deviceimport

time

import

randommyCon

fig = {

    "identity":

        {"orgId": "s8vm

        x4",

        "typeId": "NodeMCU",

        "deviceId": "12345"

    },

    "auth": {

        "token": "12345678"

    }

}

def myCommandCallback(cmd):

    print("Message received from IBM

    IoTPlatform: %s" % cmd.data['command']) m = cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myConfig,

logHandlers=None) client.connect()

while

    True: med = "aspi

    rin"med1 = "DC

old"

```

myData={'medicine1':med,'medicine2':med1 }

client.publishEvent(eventId="status",msgFormat="json",data=myData,qos=0,onPublish=N
one)

print("Published    data    Successfully:    %s",

myData)client.commandCallback                =

myCommandCallbacktime.sleep(2)

client.disconnect()

```

The screenshot shows an IDE Shell window titled "IDE Shell 3.8.10". The window contains a list of messages, all starting with "Published data Successfully: %s". Each message is a JSON object: {"medicine1": "aspirin", "medicine2": "D Cold"}. The messages are repeated 20 times. The status bar at the bottom right indicates "Ln: 2195 Col: 3".

## Output:

The screenshot shows a device monitoring interface. On the left is a sidebar with icons for various functions. The main area has tabs for "Browse", "Action", "Device Types", and "Interfaces". A "Add Device" button is in the top right. Below the tabs, there's a table with columns: "Identity", "Device Information", "Recent Events", "State", and "Logs". The "Recent Events" tab is selected, showing a list of events. Below the table, it says "0 Simulations running".

Event	Value	Format	Last Received
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago