

## DEVELOP A PYTHON SCRIPT

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

### Python Script:

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "7kzrri",
        "typeId": "nodemcu",
        "deviceId": "12345"
    },
    "auth": {
        "token": "12345678"
    }
}
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="metaformin"

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

## Output:

```
apv - C:\Users\Pavit\AppData\Local\Programs\Python\Python39\apv (3.9.13)
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    client.connect()
    while True:
        metaformin="
        myData={"medicine1":"med.1"}
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        print("Published data Successfully: %s" % myData)
        client.commandCallback = myCommandCallback
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```

Node-RED v. x x Node-RED v. x Service Detail x Cloudant Data x (1) WhatsApp x IBM-Project-4 x Service Detail x IBM Watson IoT x IBM x

7kzrri.internetofthings.ibmcloud.com/dashboard/devices/browse

Thank you for Down... document.body.co... Gas DetectingAlarm... document.body.co... Gmail YouTube Maps Microsoft Home Us... Microsoft Office 20... Maps Gmail YouTube Other bookmarks

abkrammi@student.tce.edu ID: 7kzrri

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Search by Device ID Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	IOT	Device	Nov 19, 2022 6:52 PM	
12345	Connected	nodemcu	Device	Nov 18, 2022 3:29 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
status	{"medicine1":"metaformin"}	json	a few seconds ago

Mediapp Disconnected nodemcu Device Nov 18, 2022 3:29 PM 3 Simulations running