

## DEVELOP A PYTHON SCRIPT

Team ID	PNT2022TMID23999
Project Name	Project – personal Assistance for seniors Who are Self-Reliant

### PYTHON SCRIPT:

```
import json

import wiotp.sdk.device

import time

import random

myConfig = {
    "identity": {
        "orgId": "9a7os9",
        "typeId": "ESP",
        "deviceId": "ESP32"
    },
    "auth": {
        "token": "LC!x?+V9etumdVMaSR"
    }
}

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

client.connect()

for i in range(0,20):
    tablet=["Paracetamol","Aspirine","Azithral","Asthalin","Sinarest"]
    medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]
    name = "mani"
    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()
```

```
temp.py - C:\Users\YOUHEED KHAN\OneDrive\Desktop\temp.py (3.8.10)
File Edit Format Run Options Window Help

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

myConfig = {
    "identity": {
        "orgId": "9a70c95",
        "typeId": "ESP",
        "deviceId": "ESP32"
    },
    "auth": {
        "token": "LC1x?+V9etumdVHaSR"
    }
}

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

for i in range(0,20):
    tablet=["Paracetamol","Aspirine","Azithral","Asthalin","Sinarest"]
    medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]
    name = "sani"
    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()
```



Published data Successfully: %s ('med

[illegible]

Identity Device Information Recent Events State Logs

X

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":"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

0 Simulations running

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