DEVELOP A PYTHON SCRIPT

Team ID	PNT2022TMID27334
Project Name	Personal Assistance for Seniors Who Are Self-Reliant

Python Script:

```python
#IBM Watson IOT Platform

#pip install wiotp-sdk

import wiotp.sdk.device

import time

import random

myConfig = {

    "identity": {

        "orgId":

        "mjse7u",

        "typeId": "abcd",

        "deviceId":"12345"

    },

    "auth": {

        "token": "1234567890"

    }

}


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 = myCommandCallback

    time.sleep(2)

client.disconnect()
```

Output:


```
*IDLE Shell 3.11.0*
File  Edit  Shell  Debug  Options  Window  Help
    Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
    Type "help", "copyright", "credits" or "license()" for more information.
>>> #IBM Watson IOT Platform
... #pip install wiotp-sdk
... import wiotp.sdk.device
... import time
... import random
... myConfig = {
...     "identity": {
...         "orgId": "mjse7u",
...         "typeId": "abcd",
...         "deviceId":"12345"
...     },
...     "auth": {
...         "token": "1234567890"
...     }
... }
...
...
... 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 = myCommandCallback
...     time.sleep(2)
... client.disconnect()
...
```

```
Published data Successfully: %s {'medicine1': 'aspirin', 'medicine2': 'D Cold'}
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