

DEVELOP A PYTHON SCRIPT

TEAM ID	PNT2022TMID26620
PROJECT NAME	Personal Assistance for Seniors Who Are Self-Reliant

CODE :

```
#IBM Watson IOT Platform
```

```
#pip install wiotp-sdk
```

```
import wiotp.sdk.device
```

```
import time
```

```
import random
```

```
myConfig = {
```

```
    "identity": {
```

```
        "orgId": "rjt3pq",
```

```
        "typeId": "CheckingDeviceType",
```

```
        "deviceId": "26620"
```

```
    },
```

```
    "auth": {
```

```
        "token": "jTAgpooTUE+vVYW4K"
```

```
    }
```

```
}
```

```
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="Paracetamol"

    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()
```

INPUT :

```

final program.py - C:/Users/Salsaji/AppData/Local/Programs/Python/Python39/final program.py (3.9.6)
File Edit Format Run Options Window Help

#IBM Watson IoT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random

myConfig = {
    "identity": {
        "orgId": "tjt3pq",
        "typeId": "CheckingDeviceType",
        "deviceId": "26620"
    },
    "auth": {
        "token": "jjTAGpooTUE+vVYW4K"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    #cmd.data['command']
    client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
    client.connect()
    while True:
        med="Paracetamol"
        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 :

[illegible]

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes the IBM logo and the text 'IBM Watson IoT Platform'. The user's profile is visible in the top right corner with the email '212919106013@smartinternz.com' and ID 'rjt3pq'. The main content area is titled 'Browse' and contains a sub-header 'Device Types Interfaces'. The 'Recent Events' tab is selected, showing a table of events. The table has four columns: 'Event', 'Value', 'Format', and 'Last Received'. The events are listed as 'status' with values like '["medicine1": "Paracetamol", "medicine2": "D Col..."]' in 'json' format, received 'a few seconds ago'. A status bar at the bottom indicates '0 Simulations running'.

Event	Value	Format	Last Received
status	["medicine1": "Paracetamol", "medicine2": "D Col...	json	a few seconds ago
status	["medicine1": "Paracetamol", "medicine2": "D Col...	json	a few seconds ago
status	["medicine1": "Paracetamol", "medicine2": "D Col...	json	a few seconds ago
status	["medicine1": "Paracetamol", "medicine2": "D Col...	json	a few seconds ago
status	["medicine1": "Paracetamol", "medicine2": "D Col...	json	a few seconds ago

0 Simulations running