

Develop A Python Script

Team ID	PNT2022TMID11112
Project Name	Personal Assistance for Seniors who Are Self-Reliant

Code:

```
import time
import
random
#import
ibmiotf.application import
ibmiotf.device import sys

config={
    "org":"hg0hll",
    "type" : "123",
    "id": "abcd",
    "auth-method": "token",
    "auth-
token": "123456789"
}
client= ibmiotf.device.Client
(config)client.connect()

def myCommandCallback
(cmd): a=cmd.data
    if
        len(a["command"])==
        0:pass
    else:
        print(a["command"])
def pub (data):
    client.publishEvent (event="status", msgFormat="json", data=data,
    qos=0)print("Published data Successfully: %s",data)
while True:
    s=random.randint(0,100)
    h=random.randint(0,100)
    t=random.randint(0,100)
    data={"sm":s,"hum":h,"temp":t}
    pub(data)
    client.commandCallback =
    myCommandCallbacktime.sleep(2)
client.disconnect()
```

```

1  import time
2  import random
3  #import ibmiotf.application
4  import ibmiotf.device
5  import sys
6
7  config={
8      "org":"hg0h1l",
9      "type" : "123",
10     "id":"abcd",
11     "auth-method":"token",
12     "auth-token":"123456789"
13 }
14 client= ibmiotf.device.Client (config)
15 client.connect()
16
17 def myCommandCallback (cmd):
18     a=cmd.data
19     if len(a["command"])==0:
20         pass
21     else:
22         print(a["command"])
23 def pub (data):
24     client.publishEvent (event="status", msgFormat="json",data=data, qos=0)
25     print("Published data Successfully: %s",data)
26 while True:
27     s=random.randint(0,100)
28     h=random.randint(0,100)
29     t=random.randint(0,100)
30     data={"sm":s,"hum":h,"temp":t}]
31     pub(data)
32     client.commandCallback = myCommandCallback
33     time.sleep(2)
34 client.disconnect()

```