CODING AND SOLUTION

TEAM ID: PNT2022TMID33842

PYTHON CODE:

```
pythoncode1.py - C:/Users/User/AppData/Local/Programs/Python/Python37-32/pythoncode1.py (3.7.0)
File Edit Format Run Options Window Help
import json
import wiotp.sdk.device
import time
myConfig={"identity":{"orgId":"bj2yxw",
                       "typeId": "Testdevice",
                        "deviceId":"1234567"
           "auth":{
               "token": "Gayathri@09"
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
while True:
    name="Smartbridge"
    #in area location
    #latitude=17.4225176
    #longitude=78.5450842
    #out area location
    Latitude=17.4219272
    Longitude=70.5400783
    myData={"name" : name, "lat":Latitude, "lon":Longitude}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Data published to IBM Iot platform", myData)
    time.sleep(5)
client.disconnect()
```











PYTHON CODE - OUTPUT

Pvthon 3.7.0 Shell File Edit Shell Debug Options Window Help client.publishEvent(eventId="status", msgformat="json", data=myData, gos=0, onPublish=None) TypeError: publishEvent() got an unexpected keyword argument 'msgformat' RESTART: C:/Users/User/AppData/Local/Programs/Pvthon/Pvthon37-32/pvthoncodel.pv 2022-11-18 14:39:20,106 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:bj2yxw:Testdevice:1234567Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783 Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783} Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783] Data published to IBM Iot platform {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 70.5400783}













