DEVELOP A PYTHON SCRIPT TO PUBLISH AND SUBSCRIBE TO IBM IOT PLATFORM

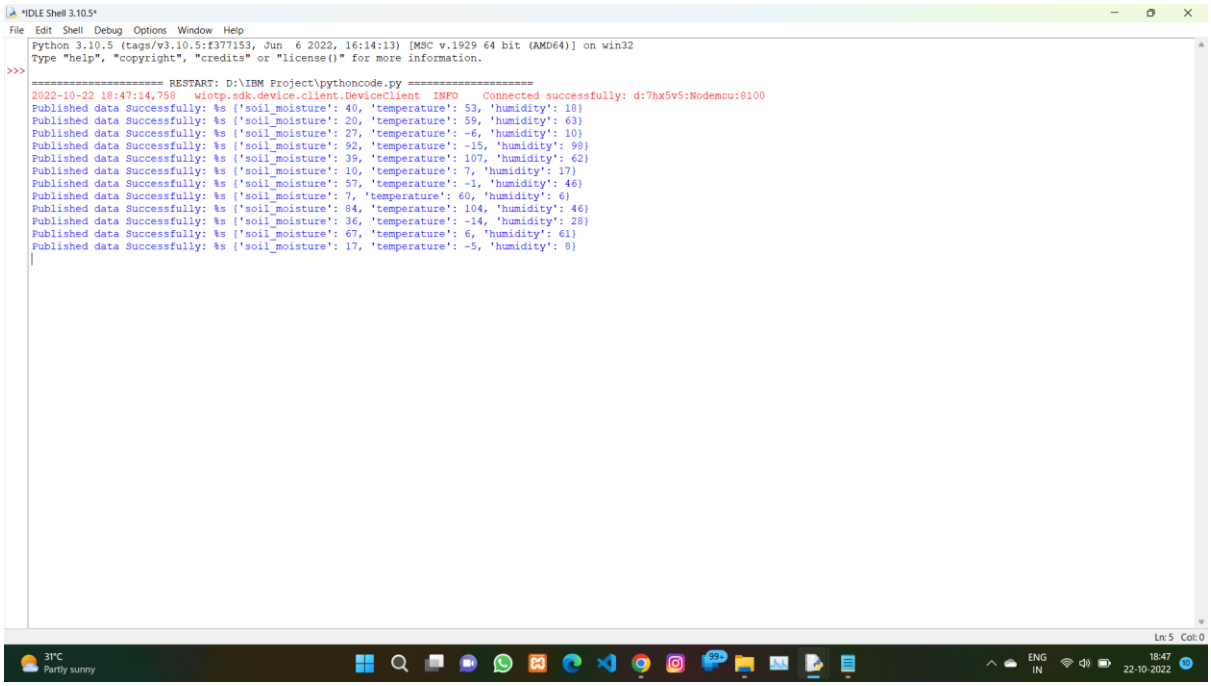
Project Name: SmartFarmer-Iot Enabled SmartFarming Application.

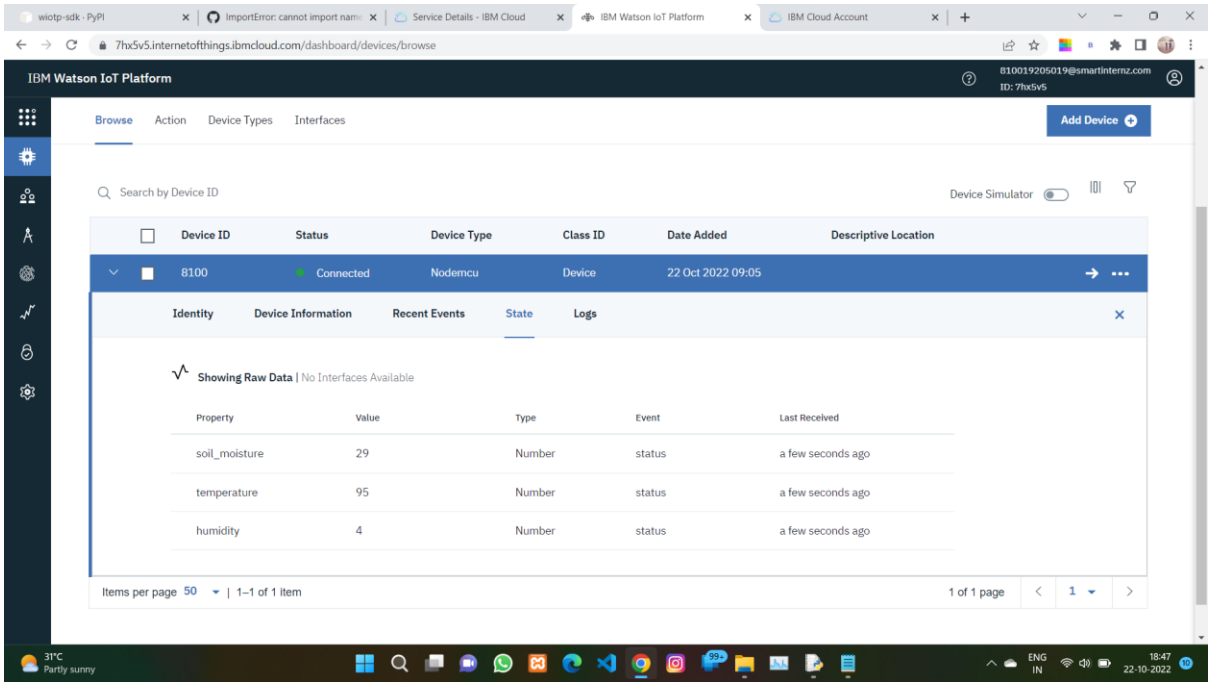
Team ID: PNT2022TMID32489

PYTHON PROGRAM:

```
import wiotp.sdk.device
import time
import os
import datetime
import random
myConfig = {
   "identity": {
      "orgId": "7hx5v5",
      "typeId": "Nodemcu",
      "deviceId": "8100"
      },
   "auth":{
      "token":"8100192050"
      }
   }
client = wiotp.sdk.device.DeviceClient(config = myConfig,
logHandlers = None)
client.connect()
```

```
while True:
    moisture = random.randint(0,100)
    temp = random.randint(-20,125)
    hum = random.randint(0,100)
    myData =
{'soil_moisture':moisture,'temperature':temp,'humidity':hum}
    client.publishEvent(eventId = "status", msgFormat = "json", data =
myData, qos=0, onPublish = None)
    print("Published data Successfully: %s", myData)
    time.sleep(2)
client.disconnect()
```




wiotp-sdk · PyPI
ImportError: cannot import nam
Service Details - IBM Cloud
IBM Watson IoT Platform
IBM Cloud Account
7hx5v5.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
810019205019@smartinternz.com
ID: 7hx5v5
Browse
Action
Device Types
Interfaces
Add Device
Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
8100
Connected
Nodemcu
Device
22 Oct 2022 09:05
Identity
Device Information
Recent Events
State
Logs
Showing Raw Data | No Interfaces Available
Property
Value
Type
Event
Last Received
soil_moisture
29
Number
status
a few seconds ago
temperature
95
Number
status
a few seconds ago
humidity
4
Number
status
a few seconds ago
Items per page 50 | 1–1 of 1 item
1 of 1 page
1
31°C
Partly sunny
ENG
IN
18:47
22-10-2022