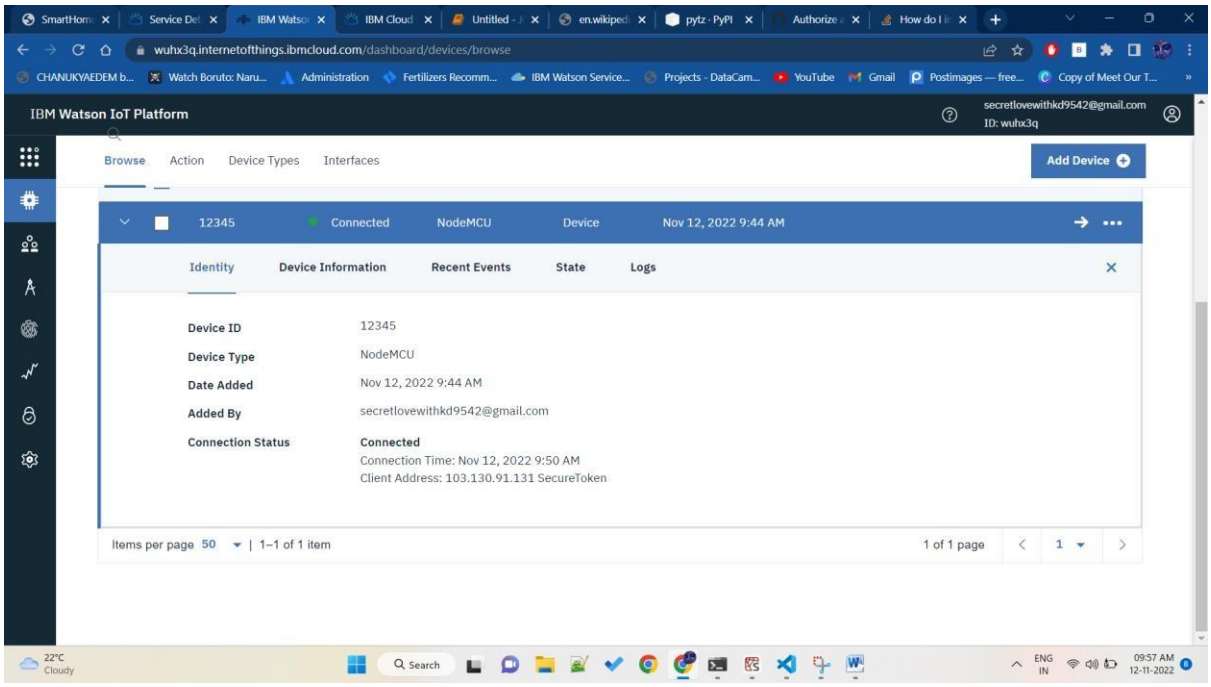
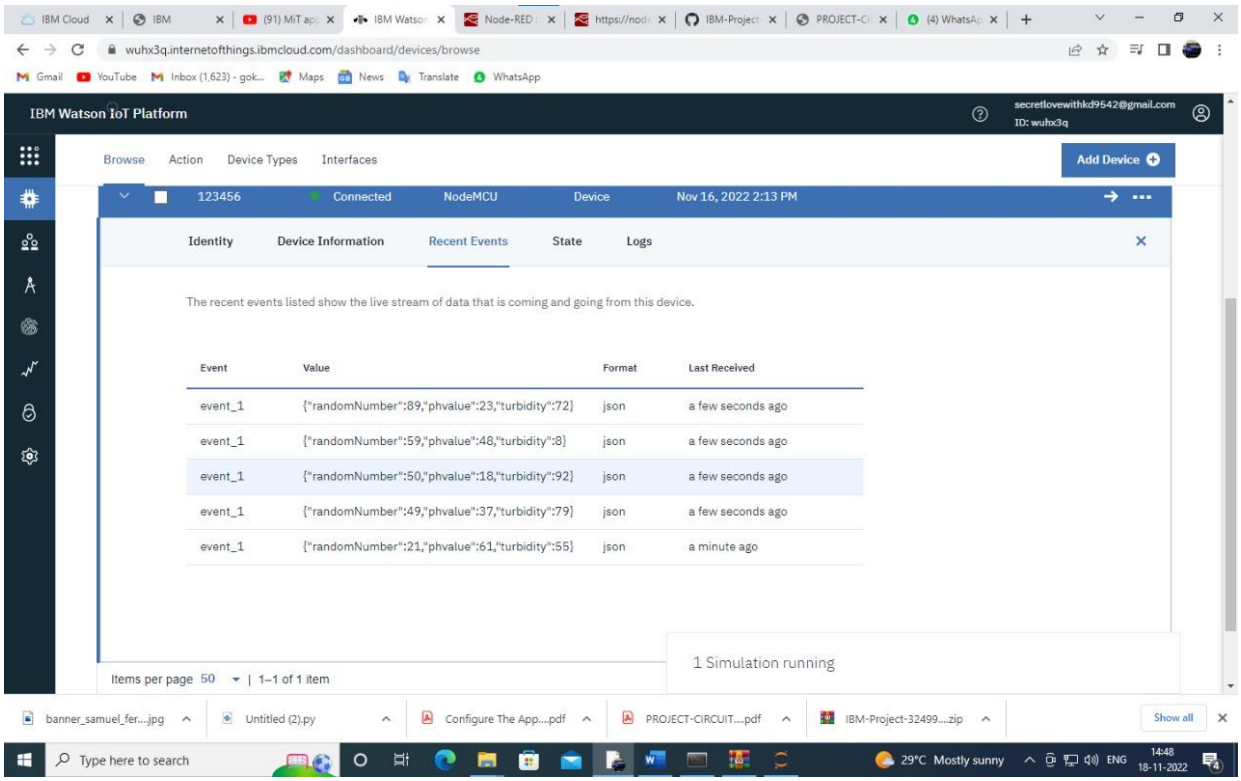
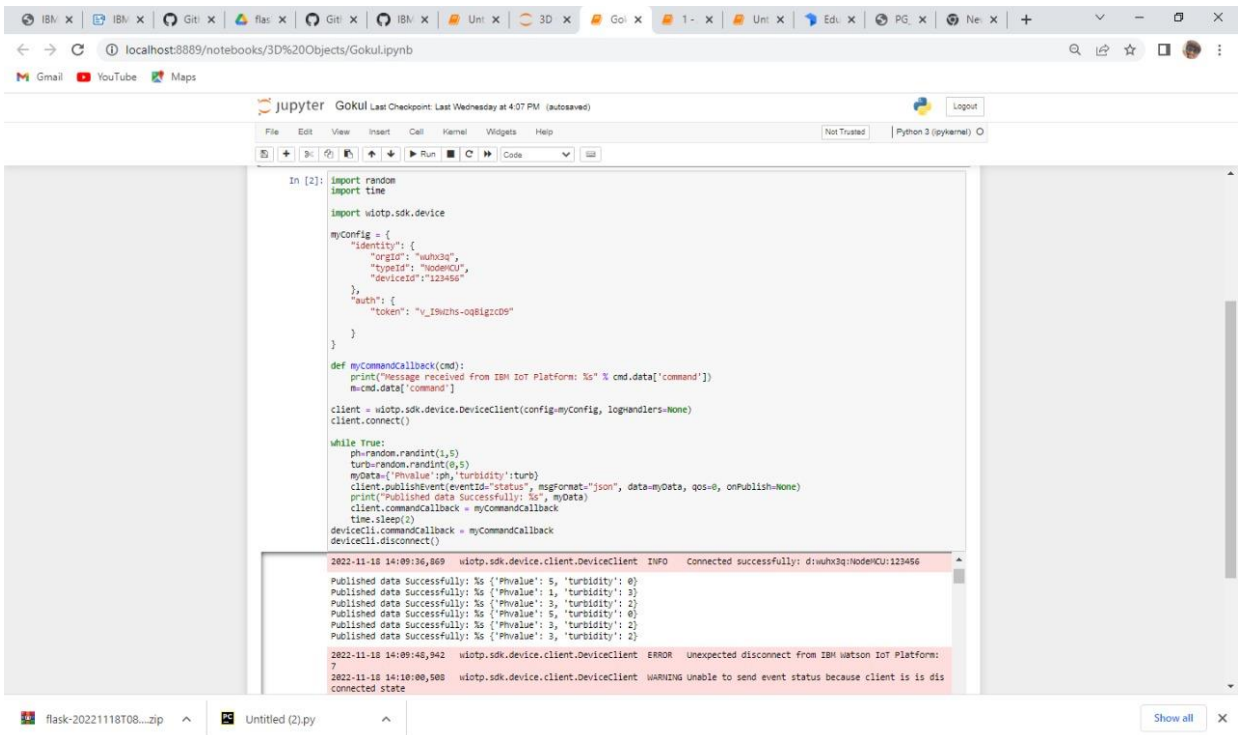

IBM Watson IoT Platform
secretlovewithkd9542@gmail.com
ID: wuhx3q
Browse
Action
Device Types
Interfaces
Add Device
12345
Connected
NodeMCU
Device
Nov 12, 2022 9:44 AM
Identity
Device Information
Recent Events
State
Logs
Device ID
12345
Device Type
NodeMCU
Date Added
Nov 12, 2022 9:44 AM
Added By
secretlovewithkd9542@gmail.com
Connection Status
Connected
Connection Time: Nov 12, 2022 9:50 AM
Client Address: 103.130.91.131 SecureToken
Items per page 50
1–1 of 1 item
1 of 1 page
1


IBM Watson IoT Platform
secretlovewithkd9542@gmail.com
ID: wuhx3q
Browse
Action
Device Types
Interfaces
Add Device
123456
Connected
NodeMCU
Device
Nov 16, 2022 2:13 PM
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
event_1
{"randomNumber":89,"phvalue":23,"turbidity":72}
json
a few seconds ago
event_1
{"randomNumber":59,"phvalue":48,"turbidity":8}
json
a few seconds ago
event_1
{"randomNumber":50,"phvalue":18,"turbidity":92}
json
a few seconds ago
event_1
{"randomNumber":49,"phvalue":37,"turbidity":79}
json
a few seconds ago
event_1
{"randomNumber":21,"phvalue":61,"turbidity":55}
json
a minute ago
1 Simulation running
Items per page 50
1–1 of 1 item


jupyter Gokul
In [2]:
import random
import time
import wiotp.sdk.device
myConfig = {
"identity": {
"orgId": "wuhx3q",
"typeId": "NodeMCU",
"deviceId":"123456"
},
"auth": {
"token": "v_I9W2hs-oq8IgzcD9"
}
}
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:
ph=random.randint(1,5)
turb=random.randint(0,5)
myData={'Phvalue':ph,'turbidity':turb}
client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
print("Published data Successfully: %s", myData)
client.commandCallback = myCommandCallback
time.sleep(2)
deviceCli.commandCallback = myCommandCallback
deviceCli.disconnect()
2022-11-18 14:09:36,869 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:wuhx3q:NodeMCU:123456
Published data Successfully: %s {'Phvalue': 5, 'turbidity': 0}
Published data Successfully: %s {'Phvalue': 1, 'turbidity': 3}
Published data Successfully: %s {'Phvalue': 3, 'turbidity': 2}
Published data Successfully: %s {'Phvalue': 5, 'turbidity': 0}
Published data Successfully: %s {'Phvalue': 3, 'turbidity': 2}
Published data Successfully: %s {'Phvalue': 3, 'turbidity': 2}
2022-11-18 14:09:48,942 wiotp.sdk.device.client.DeviceClient ERROR Unexpected disconnect from IBM Watson IoT Platform:
7
2022-11-18 14:10:00,508 wiotp.sdk.device.client.DeviceClient WARNING Unable to send event status because client is is dis
connected state