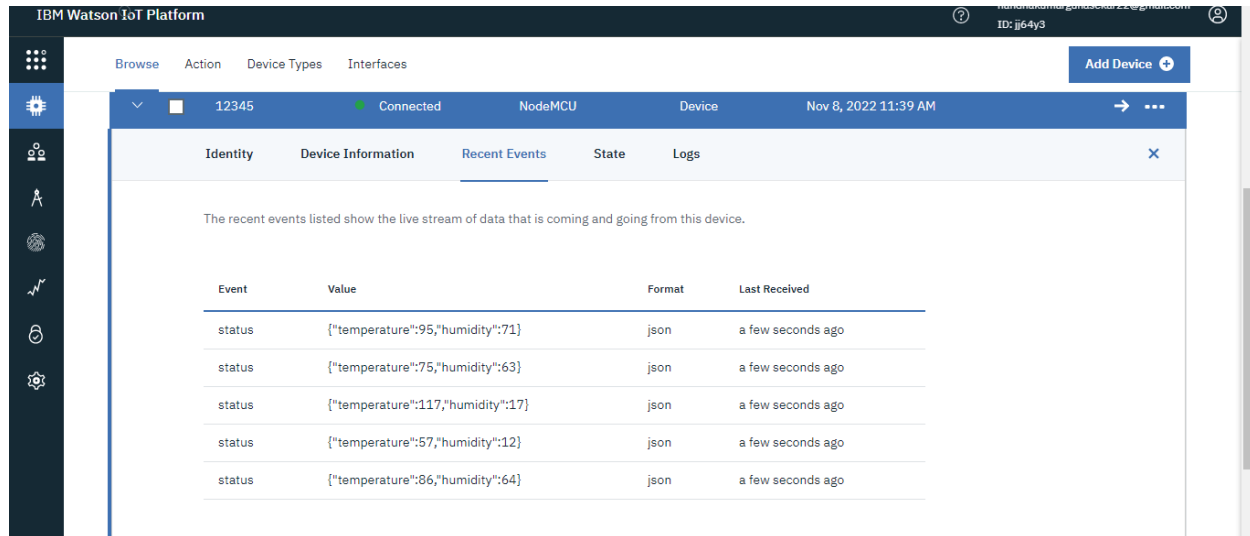


# Develop The Python Script

TEAM ID	PNT2022TMID48692
PROJECT TITLE	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

## Publish Data To The IBM Cloud



### Code:

```
import wiotp.sdk.device

import time

import random

myConfig = {
    "identity": {
        "orgId": "jj64y3",
        "typeId": "NodeMCU",
        "deviceId": "12345"
    },
    "auth": {
        "token": "123456789"
    }
}
```

```
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:  
    temp=random.randint(-20,125)  
    hum=random.randint(0,100)  
    myData={'temperature':temp, 'humidity':hum}  
    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()
```