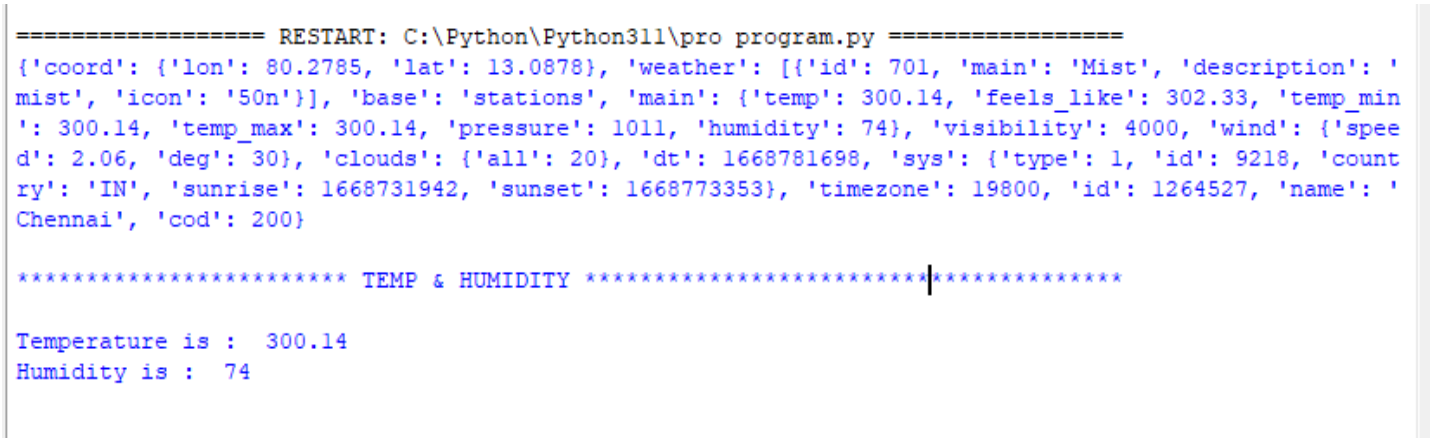
SPRINT – 2

Date :	05 November 2022
Team ID :	PNT2022TMID37754
Project Name	Industry-specific intelligent fire management system
Story point	20

Sprint goal:

Push the code from Sprint 1 to cloud so it can be accessed from anywhere

OUTPUT :



PYTHON CODE

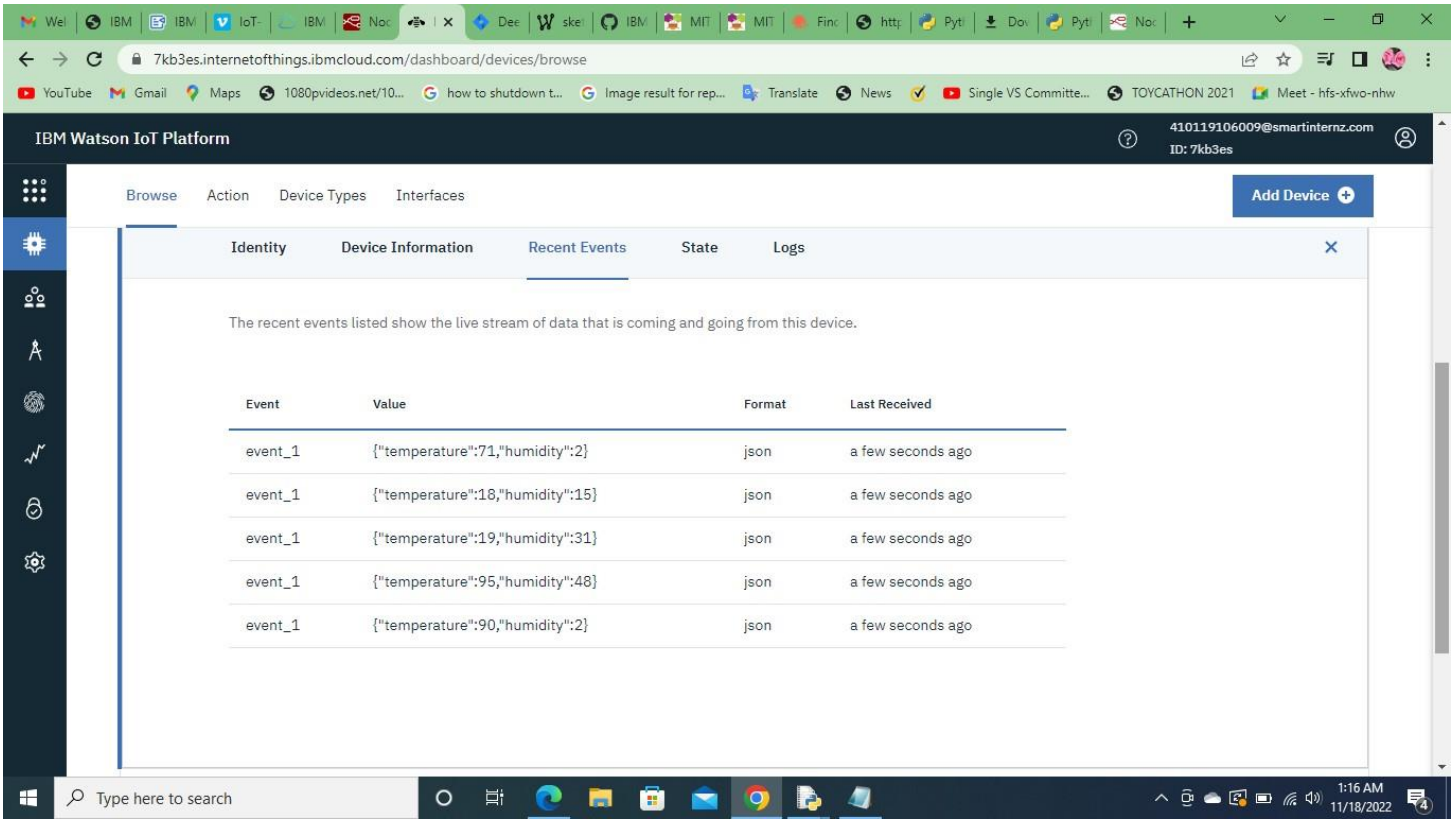
```
import requests
api_data = "https://api.openweathermap.org/data/2.5/weather?q=Chennai,IN&appid=83b76984e68a9673cadf6ae071a53b0c"
re=requests.get(url=api_data)
data= rec.json()
print(data)
temp = data['main']['tem']
print("\nTemperature is : ", tem)
humidity = data['main']['hum']
print("Humidity is : ", hum)
```

PYTHON CODE:

```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "60ys35",
        "typeId": "iot",
        "deviceId":"4321"
    },
    "auth": {
        "token": "921"
    }
}


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()
```

OUTPUT:



THANK YOU..!!