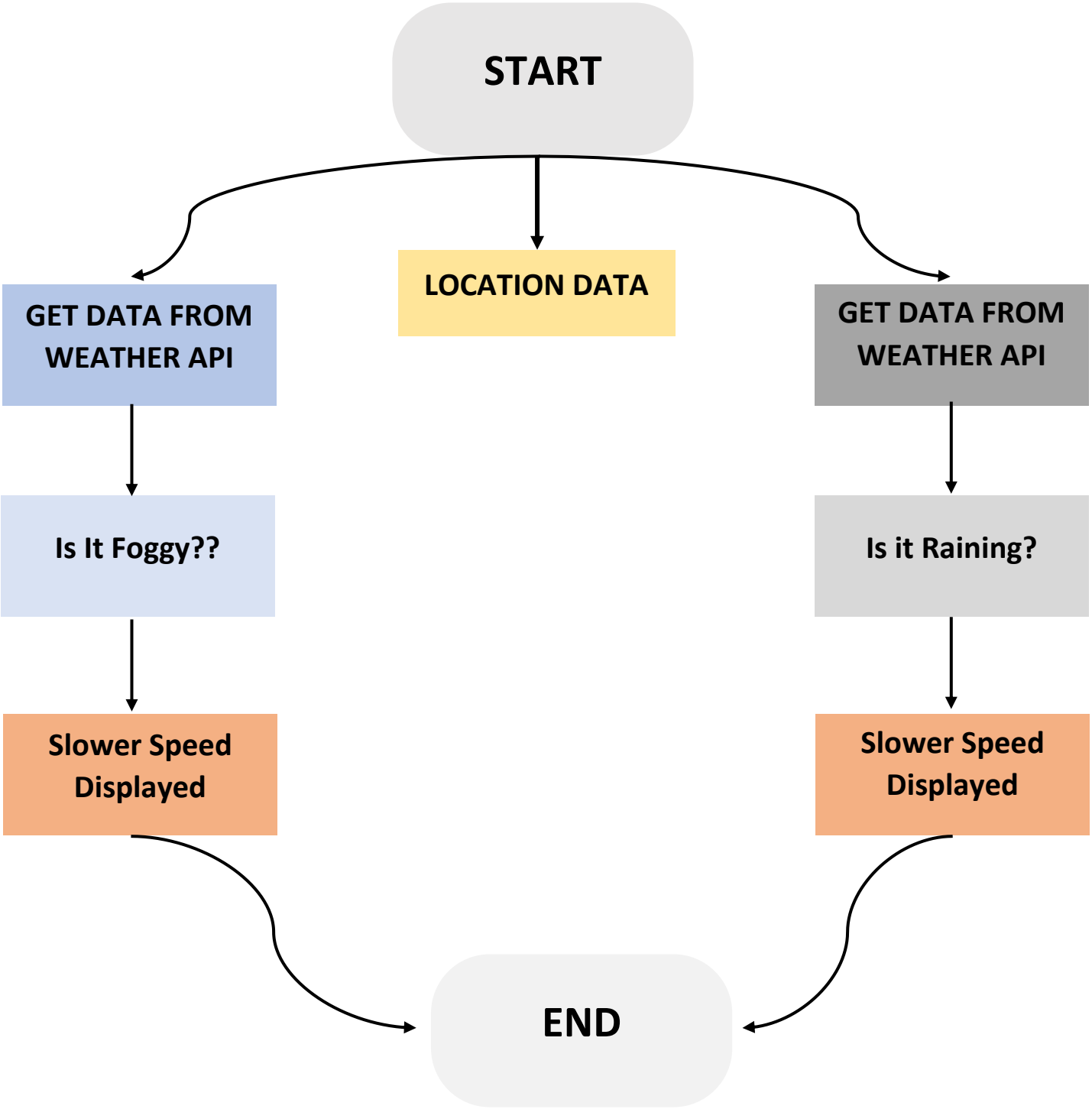
SPRINT DELIVERY-1

Team ID	PNT2022TMID48096
Project Name	Project – Signs with Smart Connectivity for Better Road Safety
Marks	20 Marks

PROGRAM OVERFLOW



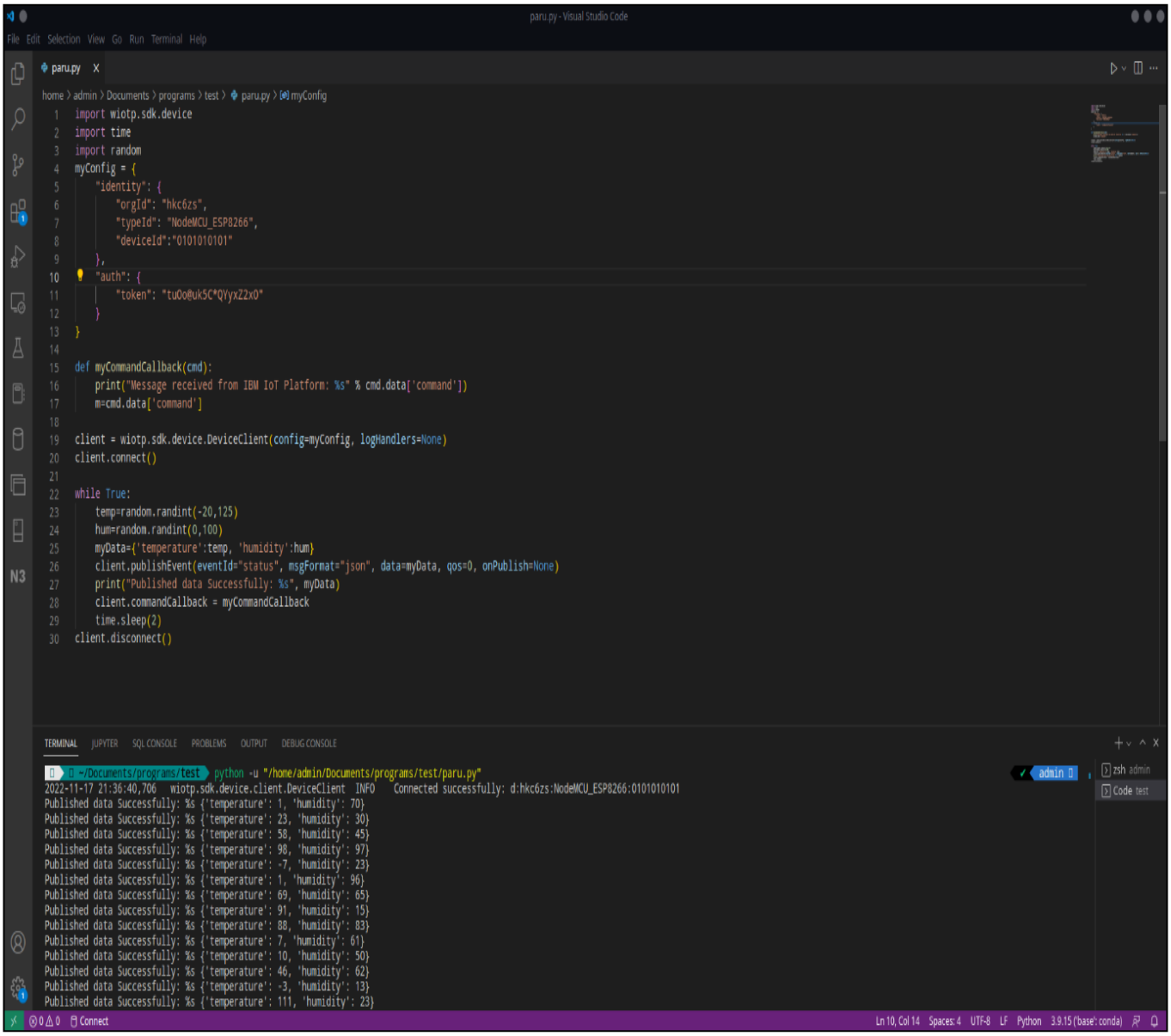
CODING:

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "hkc6zs",
        "typeId": "NodeMCU_ESP8266",
        "deviceId":"0101010101"
    },
    "auth": {
        "token": "tuOo@uk5C*QYyxZ2xO"
    }
}

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()
```


paru.py - Visual Studio Code
File Edit Selection View Go Run Terminal Help
paru.py
home > admin > Documents > programs > test > paru.py > myConfig
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TERMINAL JUPYTER SQL CONSOLE PROBLEMS OUTPUT DEBUG CONSOLE
~/Documents/programs/test python -u "/home/admin/Documents/programs/test/paru.py"
admin
zsh admin
Code test
2022-11-17 21:36:40,706 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:hkc6zs:NodeMCU_ESP8266:0101010101
Published data Successfully: %s {'temperature': 1, 'humidity': 70}
Published data Successfully: %s {'temperature': 23, 'humidity': 30}
Published data Successfully: %s {'temperature': 58, 'humidity': 45}
Published data Successfully: %s {'temperature': 98, 'humidity': 97}
Published data Successfully: %s {'temperature': -7, 'humidity': 23}
Published data Successfully: %s {'temperature': 1, 'humidity': 96}
Published data Successfully: %s {'temperature': 69, 'humidity': 65}
Published data Successfully: %s {'temperature': 91, 'humidity': 15}
Published data Successfully: %s {'temperature': 88, 'humidity': 83}
Published data Successfully: %s {'temperature': 7, 'humidity': 61}
Published data Successfully: %s {'temperature': 10, 'humidity': 50}
Published data Successfully: %s {'temperature': 46, 'humidity': 62}
Published data Successfully: %s {'temperature': -3, 'humidity': 13}
Published data Successfully: %s {'temperature': 111, 'humidity': 23}
Connect
Ln 10, Col 14 Spaces: 4 UTF-8 LF Python 3.9.15 ('base':conda)