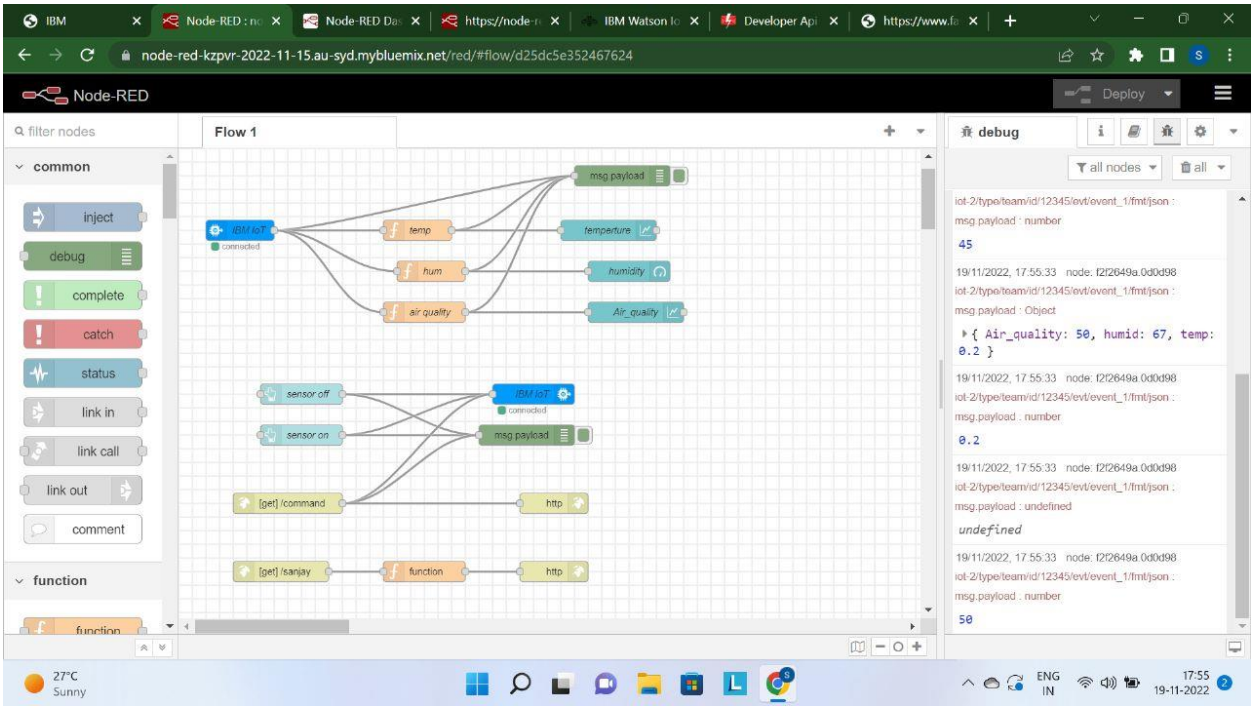
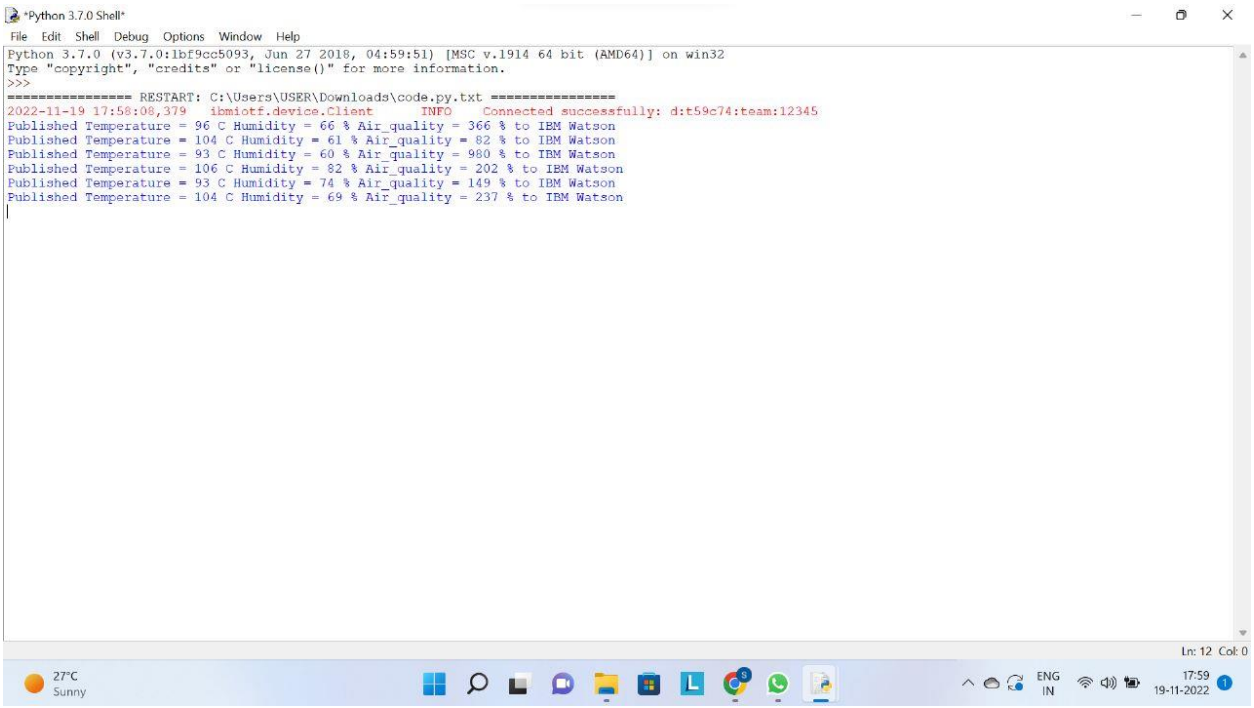
HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IOT

Team id: PNT2022TMID36143





HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IOT

Team id: PNT2022TMID36143

Code :

```
import wiotp.sdk.device
import time
import random
myConfig = {
"identity": {
"orgId": "t59c74",
"typeId": "team",
"deviceId":"12345"
},
"auth": {
"token": "12345678"
}
}
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()
```