PUPLISH DATA TO THE IBM CLOUD

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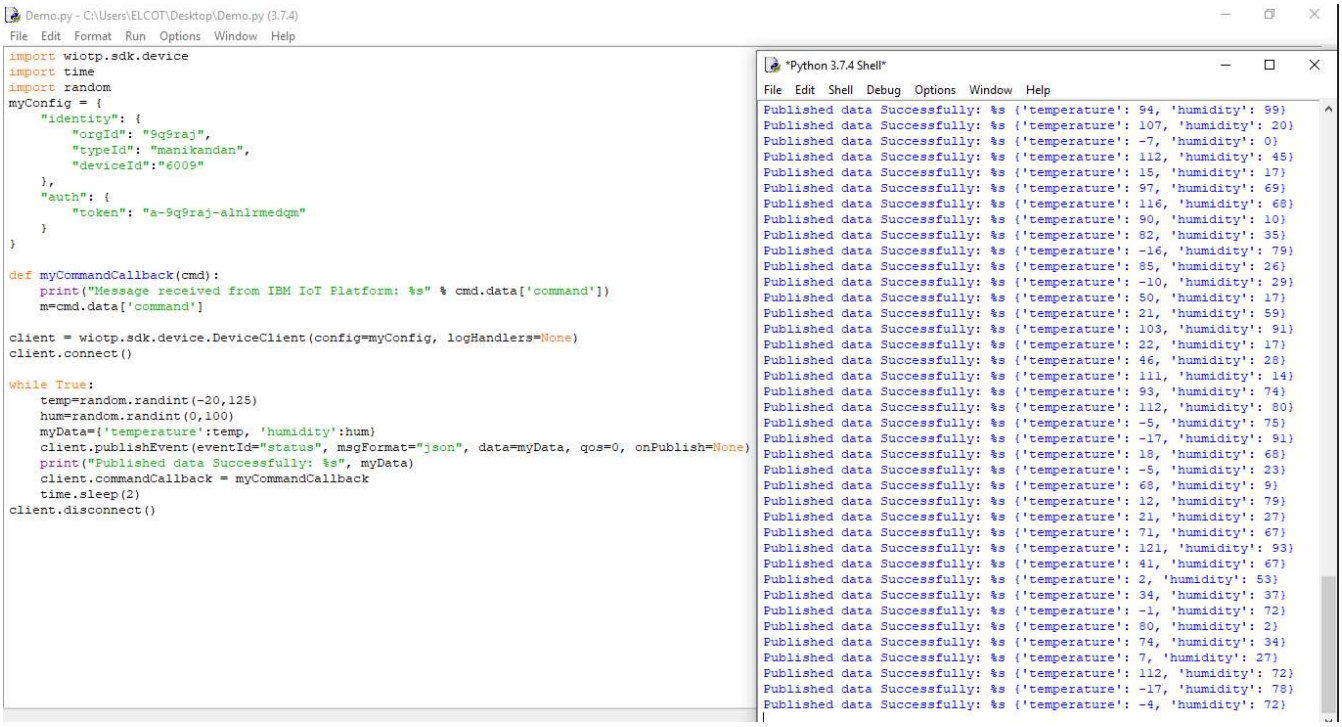
Team ID	PNT2022TMID36194
Project Name	Gas leakage monitoring and alerting system

```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
   "identity": {
      "orgId": "9q9raj",
      "typeId": "manikandan",
      "deviceId":"6009"
   },
   "auth": {
      "token": " a-9q9raj-alnlrmedqm "
   }
}

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



IBM WATSON IOT OUTPUT