Project Development Phase SPRINT 1

Date	15 November 2022
Team ID	PNT2022TMID36194
Project Name	Gas leakage monitoring and alerting system

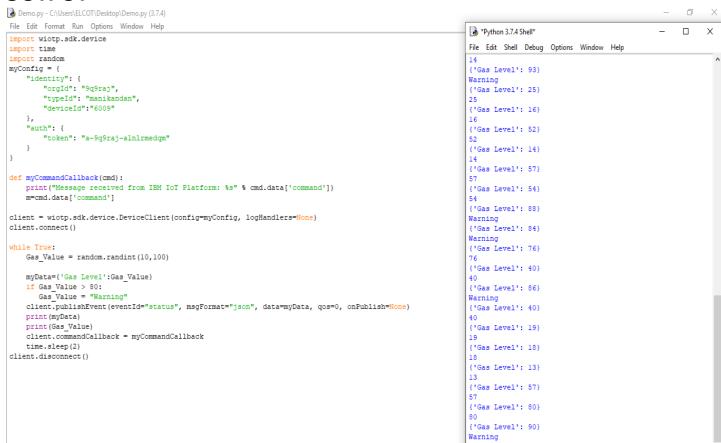
```
import wiotp.sdk.device
import time
import random
myConfig = {
  "identity": {
    "orgId": "9q9raj",
    "typeId": "manikandan",
    "deviceId":"6009"
 },
  "auth": {
    "token": "a-9q9raj-alnlrmedqm"
 }
}
def myCommandCallback(cmd):
  print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
 m=cmd.data['command']
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
while True:
 Gas_Value = random.randint(10,100)
 myData={'Gas Level':Gas_Value}
 if Gas_Value > 80:
   Gas_Value = "Warning"
  client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
  print(myData)
```

print(Gas_Value)

client.commandCallback = myCommandCallback

time.sleep(2) client.disconnect()

OUTPUT



IBM WATSON IOT OUTPUT

