ASSIGNMENT 3

CODE

```
import wiotp.sdk.device
import time
import random
myConfig = {
  "identity": {
    "orgId": "3ofvvl",
    "typeId": "vit_device",
    "deviceId":"8821"
 },
  "auth": {
    "token": "123jmpNDA25"
  }
}
def myCommandCallback(cmd):
  print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
  m=cmd.data['command']
  if (m == "lighton"):
    print("...light is ON...")
  elif (m == "lightoff"):
    print( "...light is OFF...")
  print()
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
while True:
```

```
temp=random.randint(-20,125)
  hum=random.randint(0,100)
  myData={'Water_Tank_Level':temp, 'Light_Intensity':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()
SCREENSHOTS
ibmiot.py - C:\Users\praty\OneDrive\Desktop\my\ibmiot.py (3.9.6)
                                                                               X
File Edit Format Run Options Window Help
import wiotp.sdk.device
import time
import random
    "identity": {
        "orgId": "3ofvvl",
```







