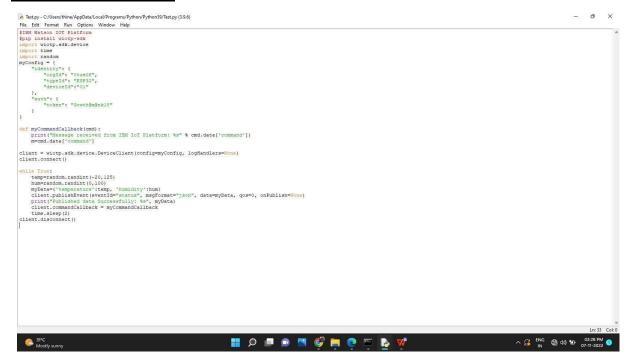
TEAM ID	PNT2022TMID00945
PROJECT NAME	Publish Data To The IBM Cloud

## PYTHON CODE TO PUBLISH DATA TO IBM CLOUD Python Code:

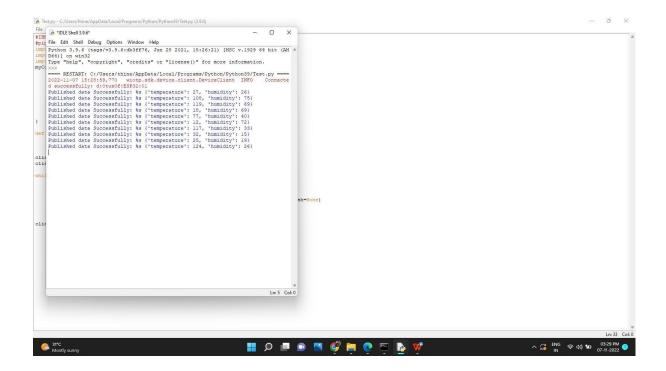
```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time import random
myConfig = {
  "identity": {
     "orgId": "0tus0f",
     "typeId": "ESP32",
     "deviceId":"01"
  },
  "auth": {
     "token": "Gowth@m@nk18"
  }
}
def myCommandCallback(cmd):
  print("Message received 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()
```

## **PYTHON CODE:**



## **PYTHON OUTPUT:**



## **Watson Cloud IBM:**

