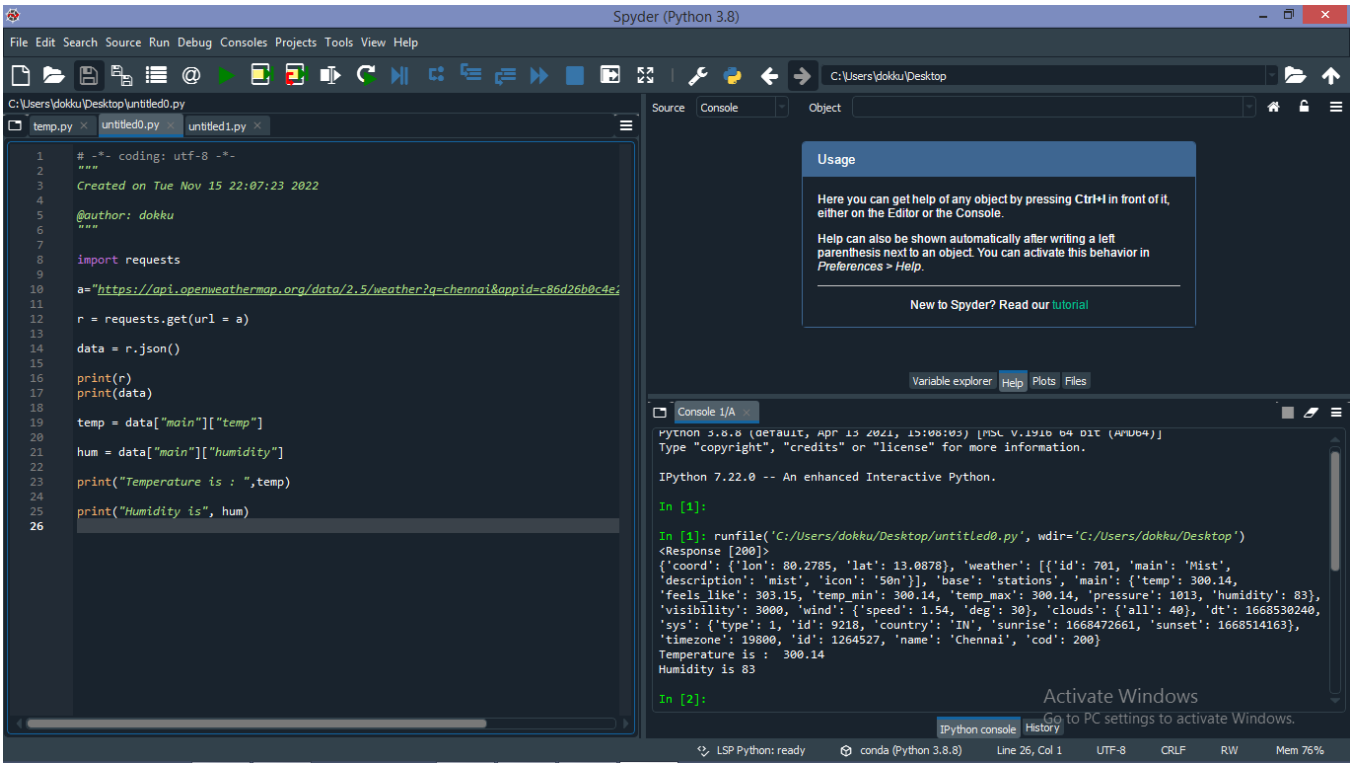
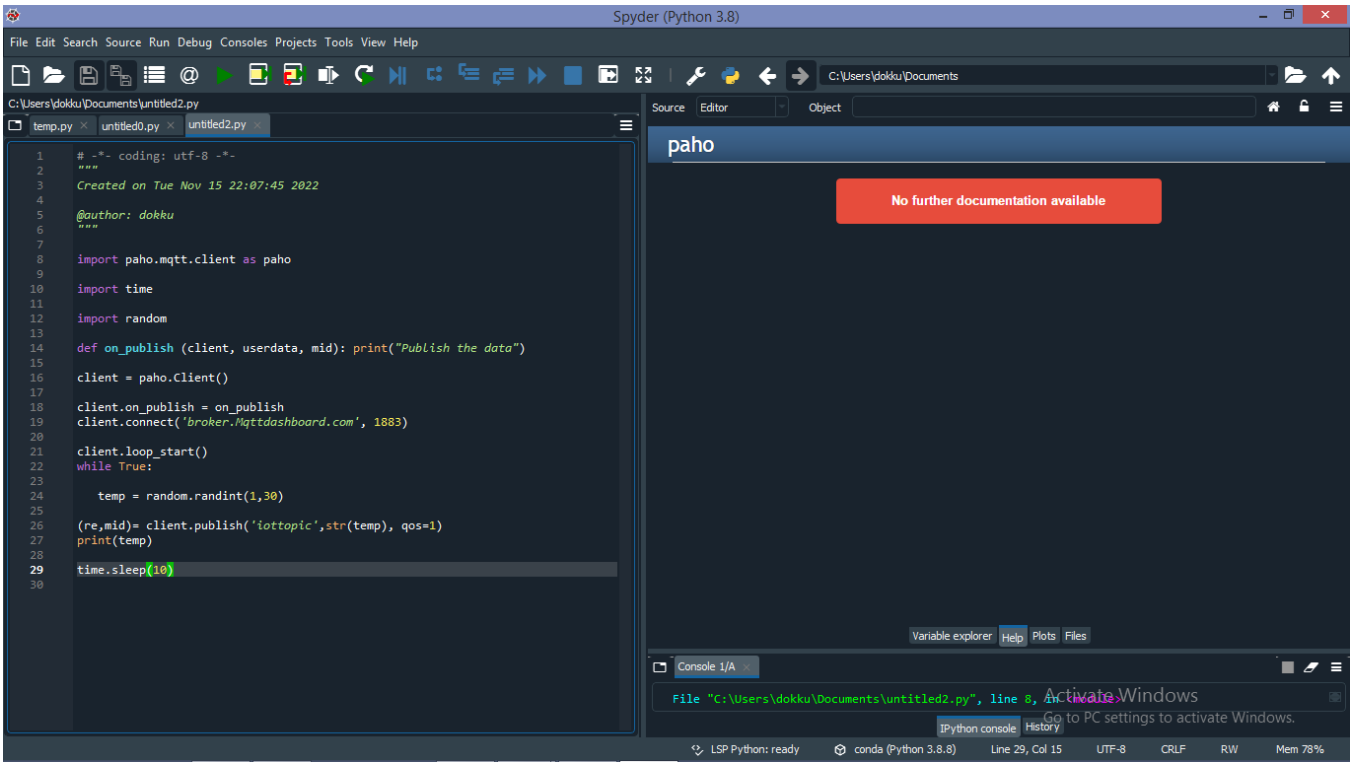
Develop a python script
Publish Data to the IBM Cloud

Date	12 September 2022
Team ID	PNT2022TMIDI08723
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Signs with smart connectivity for Better road safety





Program :

```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
```

```
myConfig = {
    "identity": {
        "orgId": "hj5fmy",
        "typeId": "NodeMCU",
       "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()
```