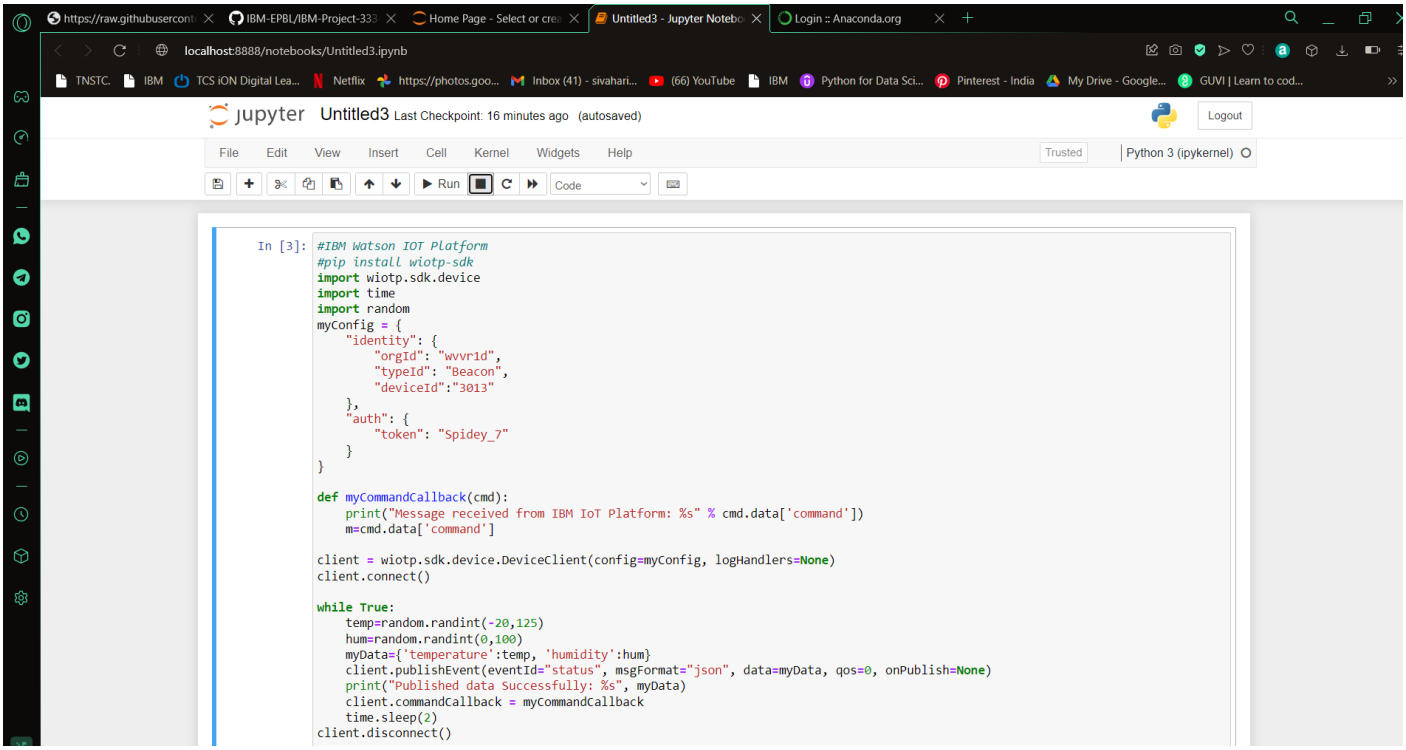
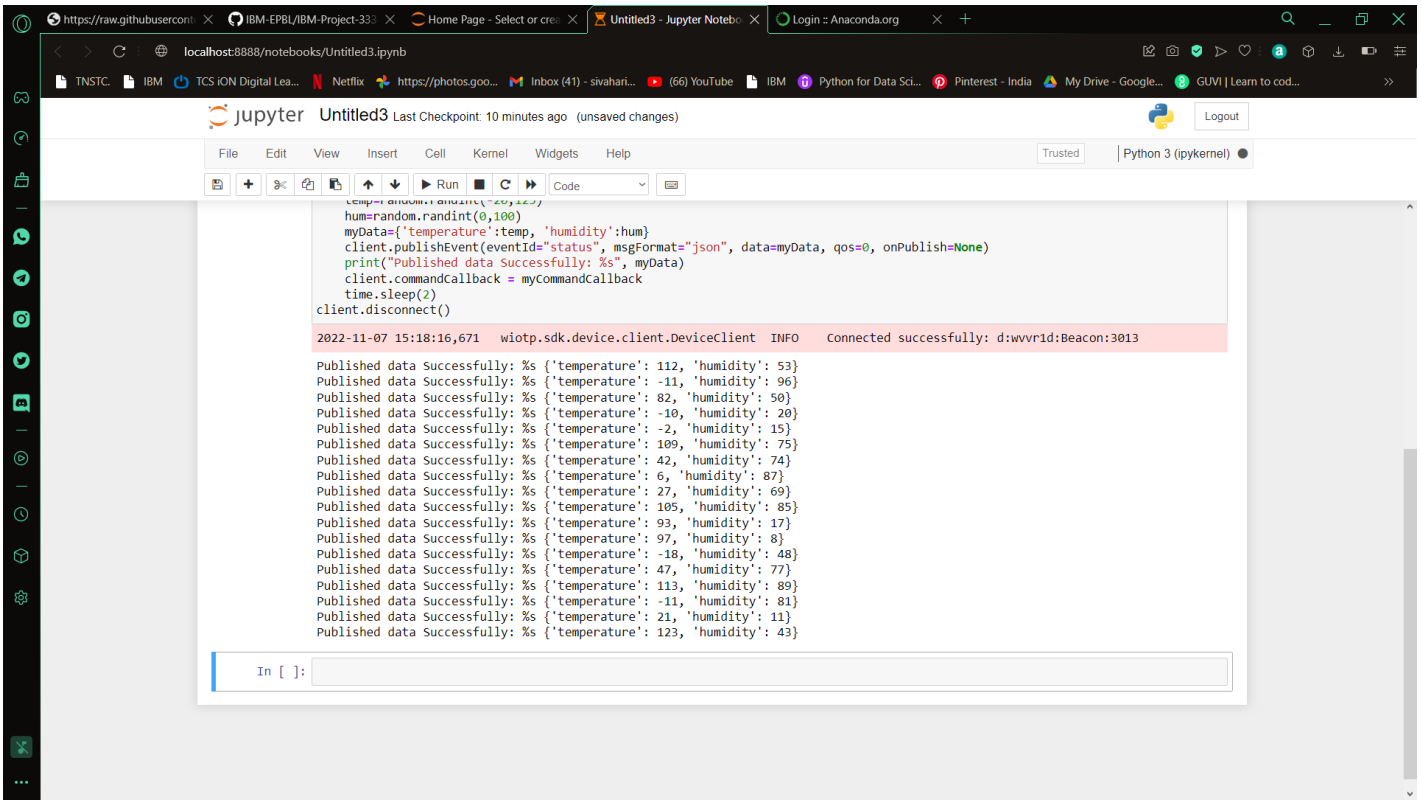
DEVELOP A PYTHON SCRIPT

Date	06 NOVEMBER 2022
Team ID	PNT2022TMID42278
Project Name	Hazardous Area Monitoring for Industrial Plant Powered by IOT

PYTHON CODE:



OUTPUT:


Untitled3 - Jupyter Notebook
localhost:8888/notebooks/Untitled3.ipynb
jupyter Untitled3 Last Checkpoint: 10 minutes ago (unsaved changes)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3 (ipykernel)
Run
Code
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()
2022-11-07 15:18:16,671 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:wvvr1d:Beacon:3013
Published data Successfully: %s {'temperature': 112, 'humidity': 53}
Published data Successfully: %s {'temperature': -11, 'humidity': 96}
Published data Successfully: %s {'temperature': 82, 'humidity': 50}
Published data Successfully: %s {'temperature': -10, 'humidity': 20}
Published data Successfully: %s {'temperature': -2, 'humidity': 15}
Published data Successfully: %s {'temperature': 109, 'humidity': 75}
Published data Successfully: %s {'temperature': 42, 'humidity': 74}
Published data Successfully: %s {'temperature': 6, 'humidity': 87}
Published data Successfully: %s {'temperature': 27, 'humidity': 69}
Published data Successfully: %s {'temperature': 105, 'humidity': 85}
Published data Successfully: %s {'temperature': 93, 'humidity': 17}
Published data Successfully: %s {'temperature': 97, 'humidity': 8}
Published data Successfully: %s {'temperature': -18, 'humidity': 48}
Published data Successfully: %s {'temperature': 47, 'humidity': 77}
Published data Successfully: %s {'temperature': 113, 'humidity': 89}
Published data Successfully: %s {'temperature': -11, 'humidity': 81}
Published data Successfully: %s {'temperature': 21, 'humidity': 11}
Published data Successfully: %s {'temperature': 123, 'humidity': 43}
In [ ]: