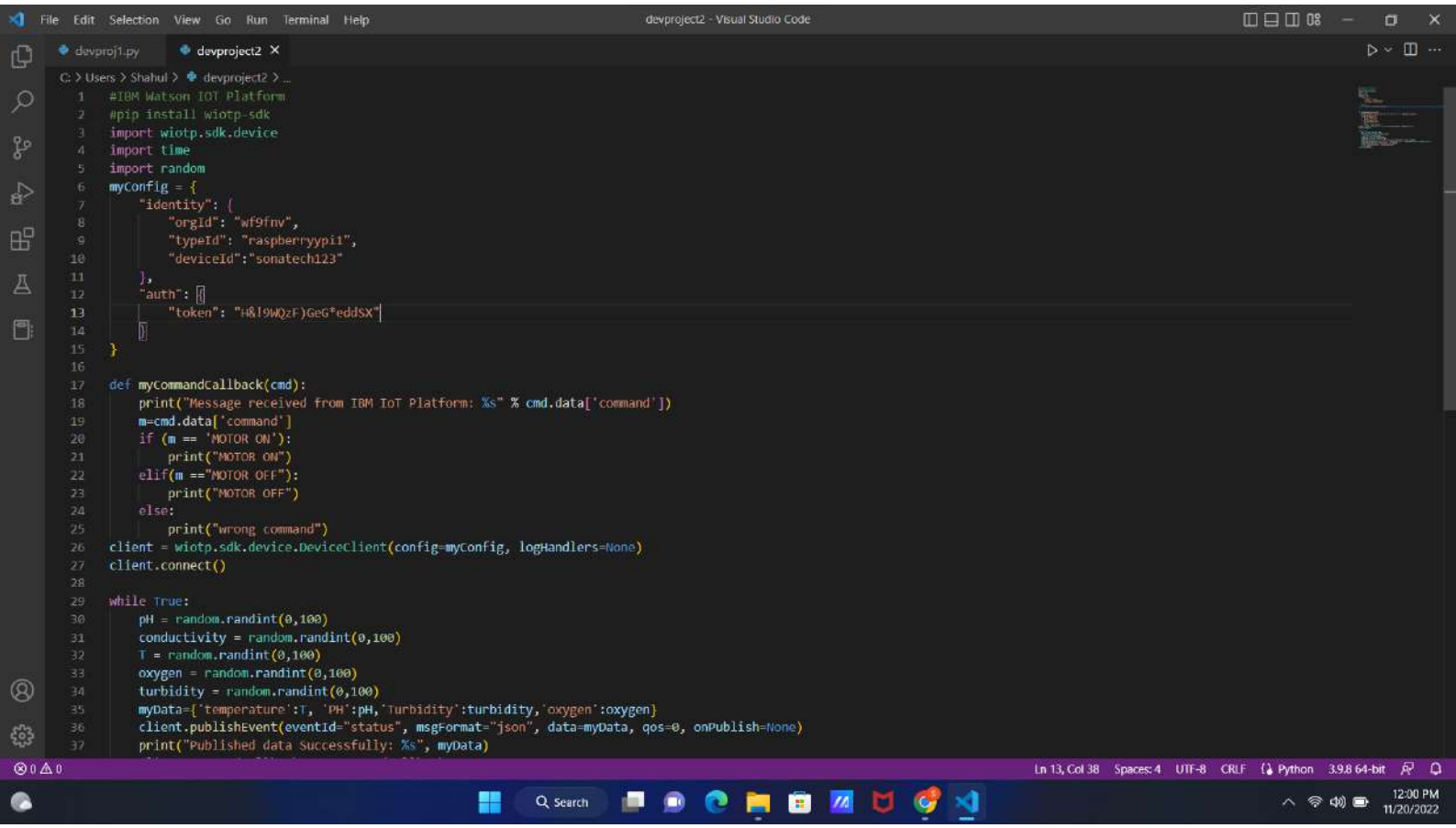
File Edit Selection View Go Run Terminal Help
devproject2 - Visual Studio Code
devproj1.py
devproject2
C: > Users > Shahul > devproject2 > ...
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
"identity": {
"orgId": "wf9fnv",
"typeId": "raspberryypi1",
"deviceId":"sonatech123"
},
"auth": {
"token": "H&!9WQzF)GeG*eddSX"
}
}
def myCommandCallback(cmd):
print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
m=cmd.data['command']
if (m == 'MOTOR ON'):
print("MOTOR ON")
elif(m =="MOTOR OFF"):
print("MOTOR OFF")
else:
print("wrong command")
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
while True:
pH = random.randint(0,100)
conductivity = random.randint(0,100)
T = random.randint(0,100)
oxygen = random.randint(0,100)
turbidity = random.randint(0,100)
myData={'temperature':T, 'PH':pH,'Turbidity':turbidity,'oxygen':oxygen}
client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
print("Published data Successfully: %s", myData)
Ln 13, Col 38 Spaces: 4 UTF-8 CRLF Python 3.9.8 64-bit
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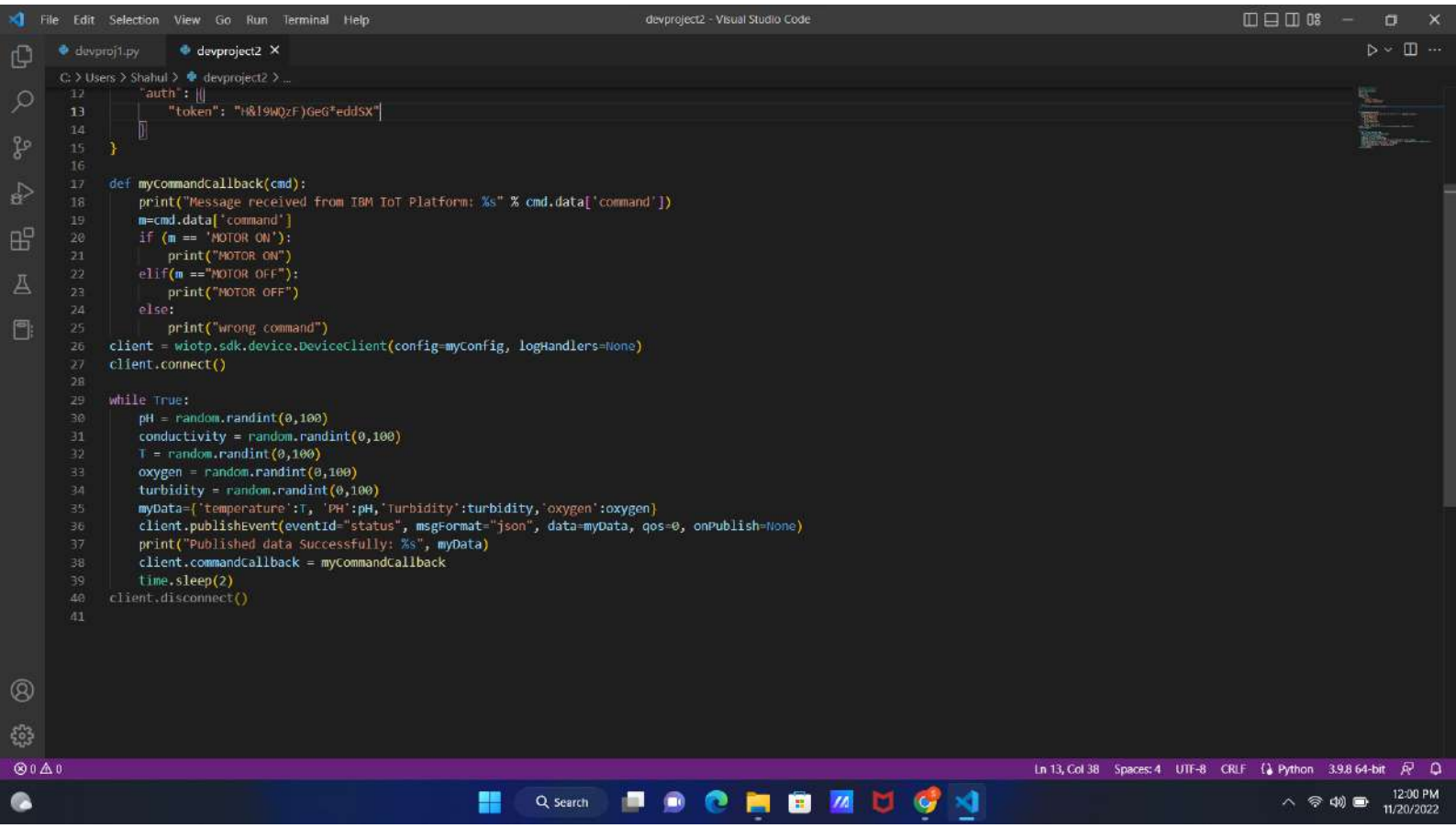
File Edit Selection View Go Run Terminal Help
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print("Published data Successfully: %s", myData)
client.commandCallback = myCommandCallback
time.sleep(2)
client.disconnect()
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