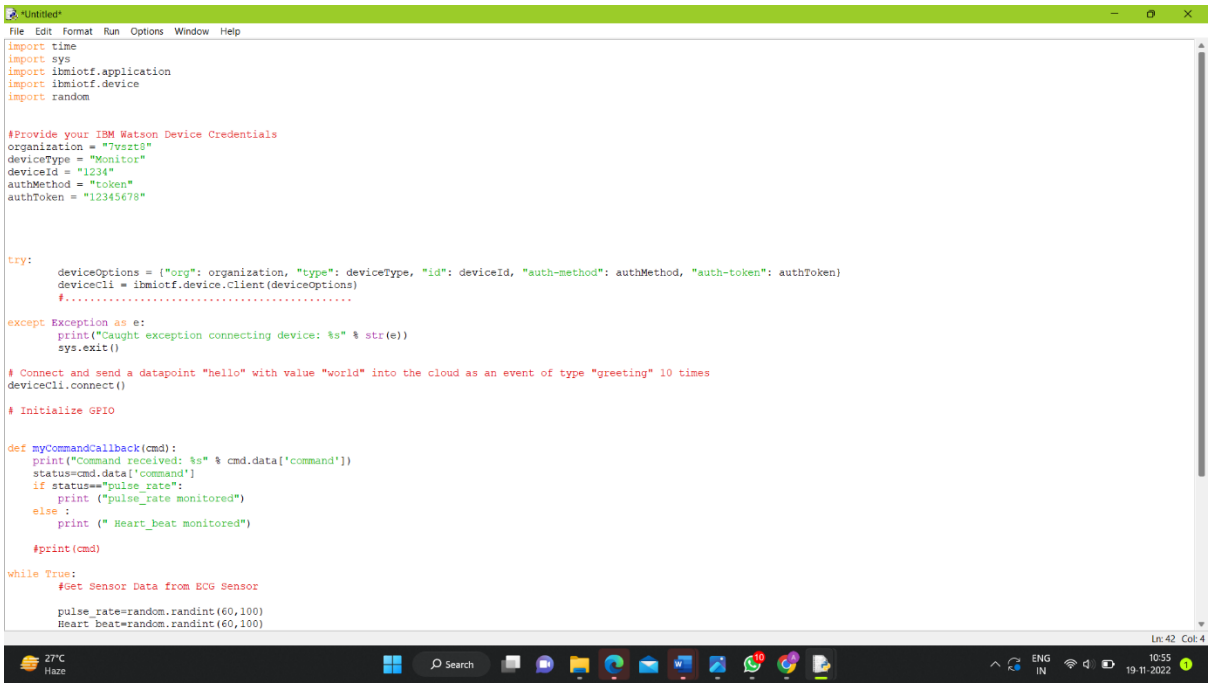
PYTHON SCRIPT



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```
try:
        deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "auth-method": authMethod, "auth-token": authToken}
        deviceCli = ibmiotf.device.Client(deviceOptions)
        #.............................................

except Exception as e:
        print("Caught exception connecting device: %s" % str(e))
        sys.exit()

# Connect and send a datapoint "hello" with value "world" into the cloud as an event of type "greeting" 10 times
deviceCli.connect()

# Initialize GPIO


def myCommandCallback(cmd):
    print("Command received: %s" % cmd.data['command'])
    status=cmd.data['command']
    if status=="pulse_rate":
        print ("pulse_rate monitored")
    else :
        print (" Heart_beat monitored")

    #print(cmd)

while True:
        #Get Sensor Data from ECG Sensor

        pulse_rate=random.randint(60,100)
        Heart_beat=random.randint(60,100)

        data = { 'pulse_rate' :pulse_rate, 'Heart_beat': Heart_beat }
        #print data
        def myOnPublishCallback():
            print ("Published  pulse_rate = %s bpm" % pulse_rate, "Heart_beat = %s bpm" % Heart_beat, "to IBM Watson")


        success = deviceCli.publishEvent("IoTSensor", "json", data, qos=0, on_publish=myOnPublishCallback)
        if not success:
            print("Not connected to IoTF")
        time.sleep(20)

        deviceCli.commandCallback = myCommandCallback

# Disconnect the device and application from the cloud
deviceCli.disconnect()
```

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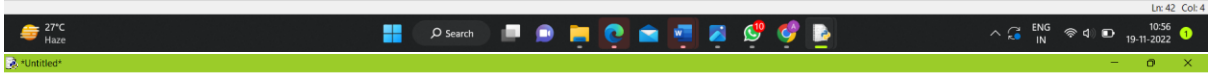

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```
import time
import wiotp.sdk.application

myConfig = {
    "identity":{
        "orgId" : "7vszt8",
        "typeId" : "Monitor",
        "deviceId" : "1234",
    },
    "auth": {
        "token": "12345678"
    }
}

client= wiotp.sdk.device.DeviceClient (config= myConfig, logHandlers = None)
client.connect()

while True:
    name = "Child"

    latitude = 11.020503
    longitude = 76.935123

    myData = {'name' : name,'lat' : latitude, 'lon': longitude}
    client.publishEvent (eventId = "status", msgFormat = "json", data = myData, qos = 0, onPublish = None)
    print("Data published to IBM IoT Platform:", myData)
    time.sleep (5)

client.disconnect()
```

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