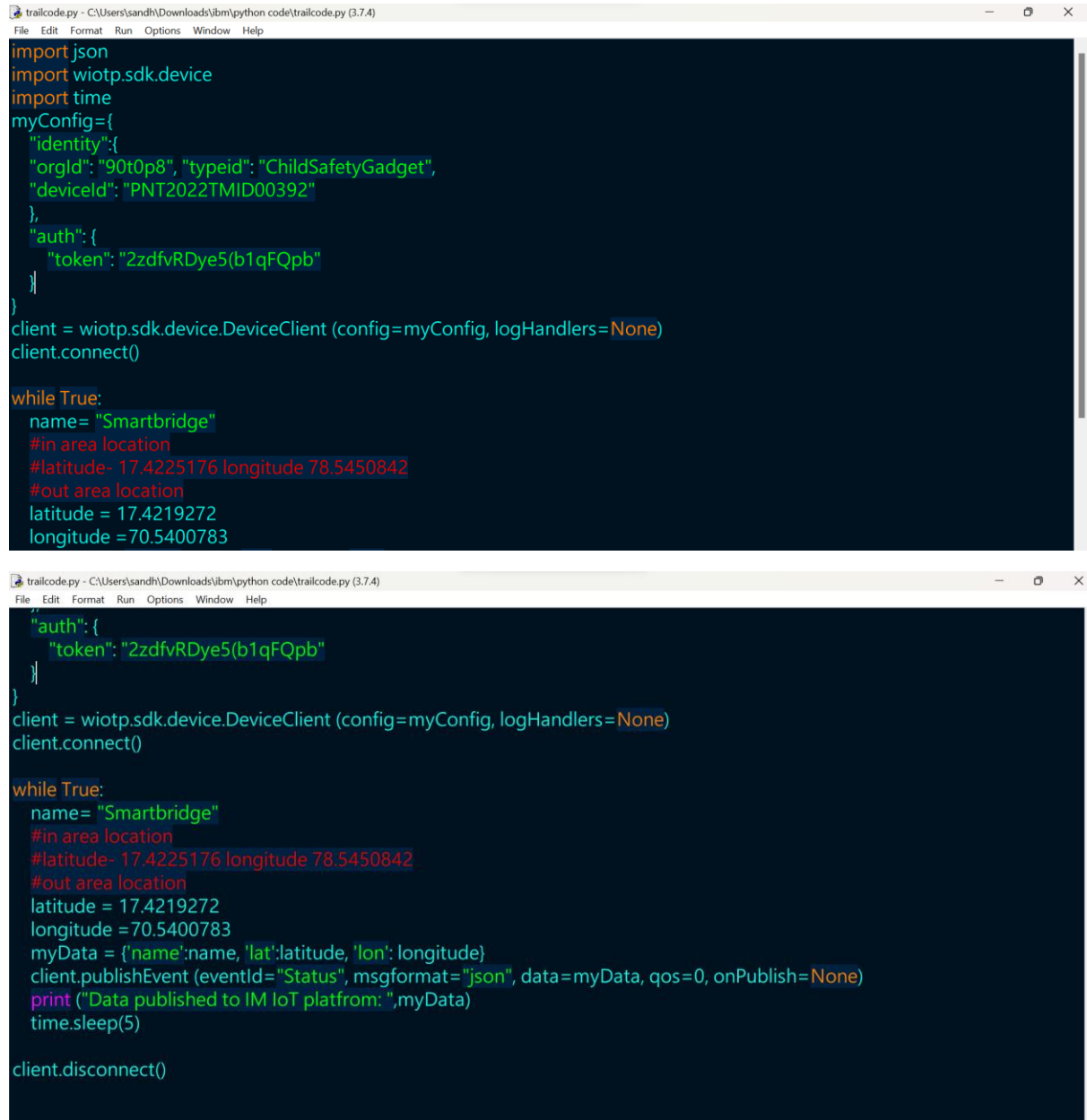


DEVELOP THE PYTHON SCRIPT

CODE WINDOW:



The image shows two screenshots of a Python code editor window. The top screenshot shows the initial setup of the script, including imports for json, wiotp.sdk.device, and time, and a configuration dictionary myConfig. The bottom screenshot shows the completion of the script, including the creation of a DeviceClient, connection to the platform, and a while loop that publishes data to the IoT platform and sleeps for 5 seconds before reconnecting.

```
trailcode.py - C:\Users\sandh\Downloads\ibm\python code\trailcode.py (3.7.4)
File Edit Format Run Options Window Help

import json
import wiotp.sdk.device
import time
myConfig={
    "identity":{
        "orgId": "90t0p8", "typeid": "ChildSafetyGadget",
        "deviceId": "PNT2022TMID00392"
    },
    "auth": {
        "token": "2zdfvRDye5(b1qFQpb"
    }
}

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

while True:
    name= "Smartbridge"
    #in area location
    #latitude- 17.4225176 longitude 78.5450842
    #out area location
    latitude = 17.4219272
    longitude =70.5400783

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

client.disconnect()
```

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import wiotp.sdk.device

import time

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