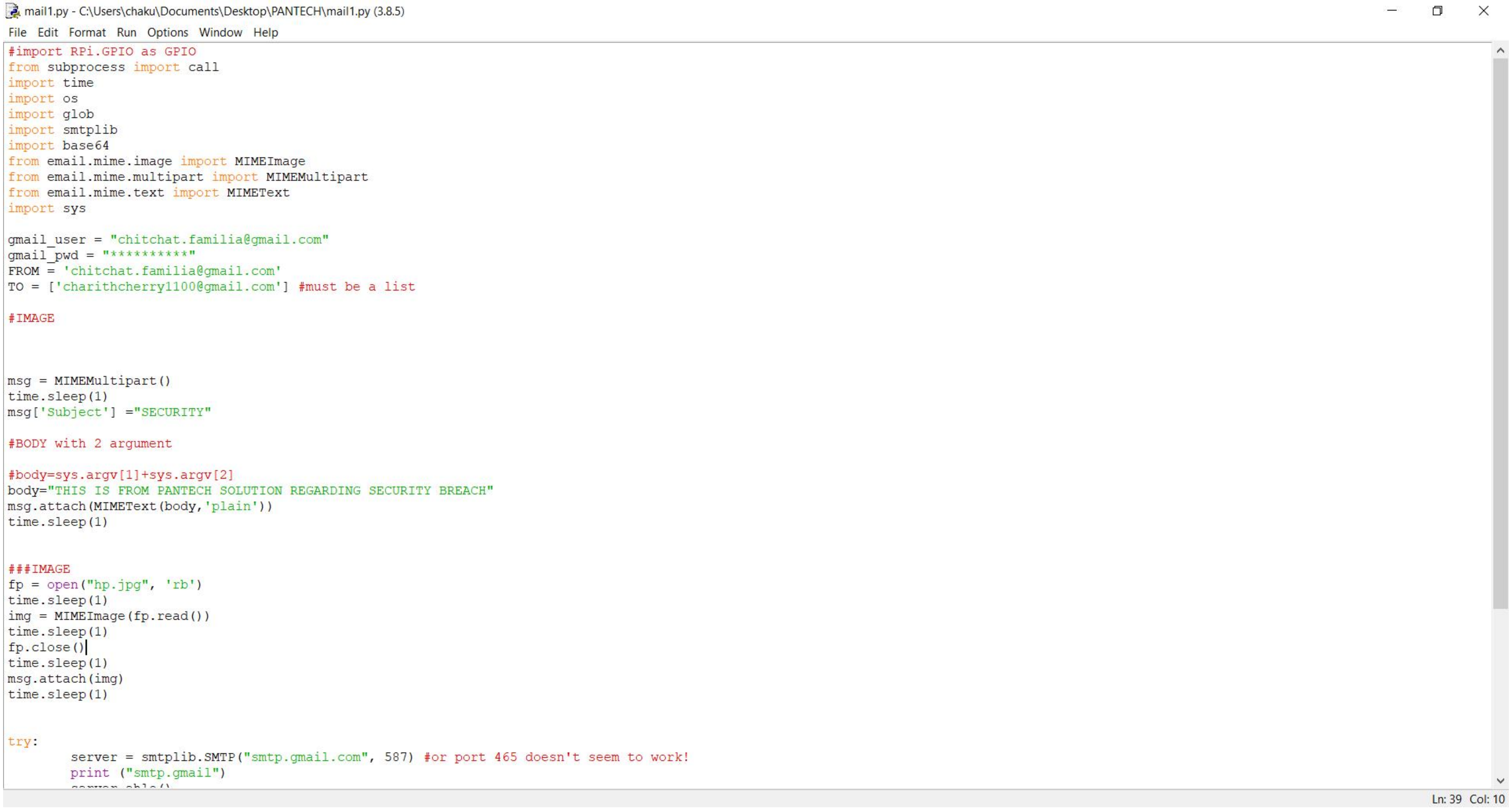
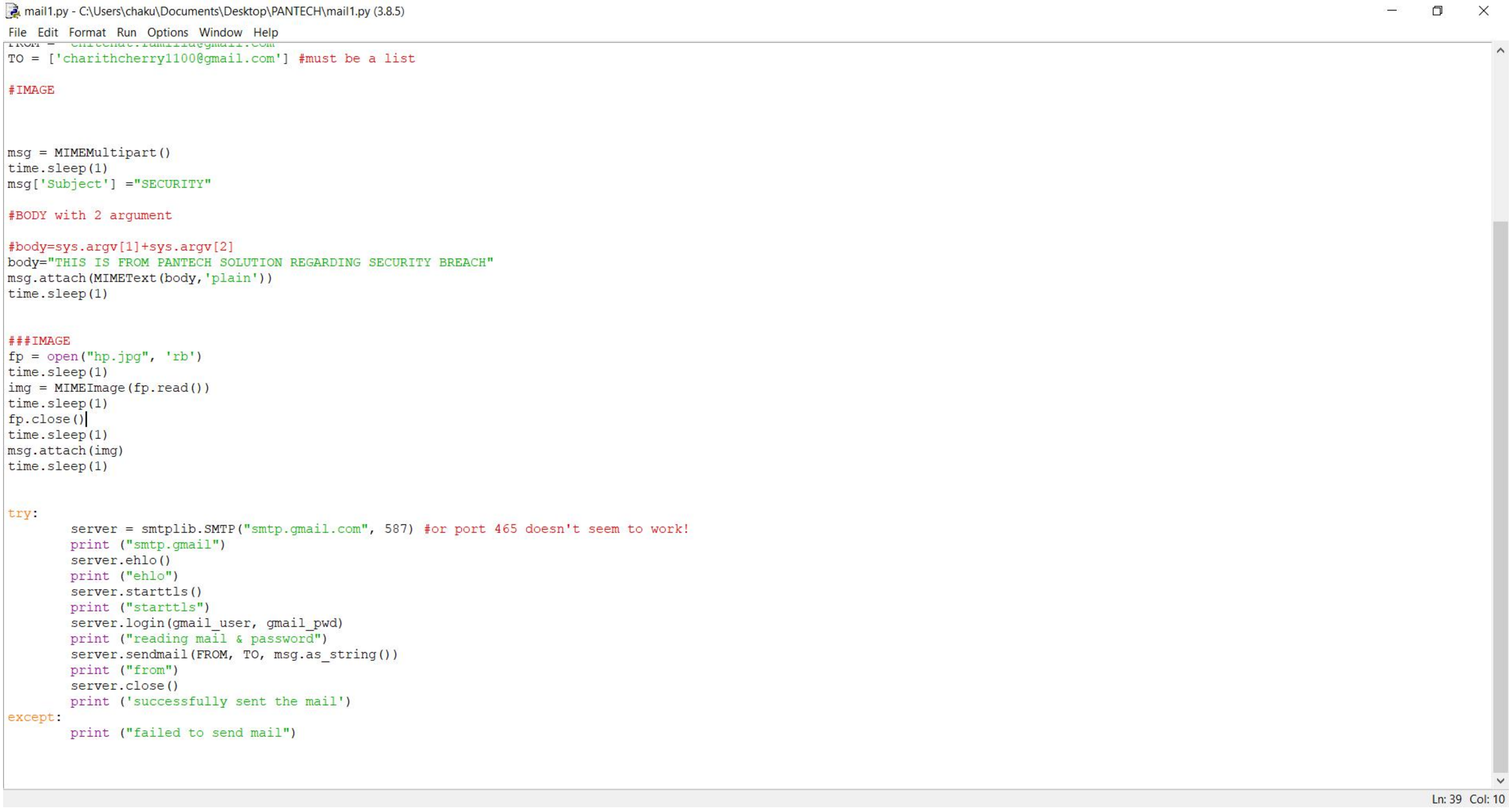

mail1.py - C:\Users\chaku\Documents\Desktop\PANTECH\mail1.py (3.8.5)
File Edit Format Run Options Window Help
Ln: 39 Col: 10

```
#import RPi.GPIO as GPIO
from subprocess import call
import time
import os
import glob
import smtplib
import base64
from email.mime.image import MIMEImage
from email.mime.multipart import MIMEMultipart
from email.mime.text import MIMEText
import sys

gmail_user = "chitchat.familia@gmail.com"
gmail_pwd = "**********"
FROM = 'chitchat.familia@gmail.com'
TO = ['charithcherry1100@gmail.com'] #must be a list

#IMAGE



msg = MIMEMultipart()
time.sleep(1)
msg['Subject'] ="SECURITY"

#BODY with 2 argument

#body=sys.argv[1]+sys.argv[2]
body="THIS IS FROM PANTECH SOLUTION REGARDING SECURITY BREACH"
msg.attach(MIMEText(body,'plain'))
time.sleep(1)


###IMAGE
fp = open("hp.jpg", 'rb')
time.sleep(1)
img = MIMEImage(fp.read())
time.sleep(1)
fp.close()
time.sleep(1)
msg.attach(img)
time.sleep(1)


try:
        server = smtplib.SMTP("smtp.gmail.com", 587) #or port 465 doesn't seem to work!
        print ("smtp.gmail")
        server.ehlo()
```


mail1.py - C:\Users\chaku\Documents\Desktop\PANTECH\mail1.py (3.8.5)
File Edit Format Run Options Window Help
Ln: 39 Col: 10

```
FROM = 'chitchat.familia@gmail.com'
TO = ['charithcherry1100@gmail.com'] #must be a list

#IMAGE



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img = MIMEImage(fp.read())
time.sleep(1)
fp.close()
time.sleep(1)
msg.attach(img)
time.sleep(1)


try:
        server = smtplib.SMTP("smtp.gmail.com", 587) #or port 465 doesn't seem to work!
        print ("smtp.gmail")
        server.ehlo()
        print ("ehlo")
        server.starttls()
        print ("starttls")
        server.login(gmail_user, gmail_pwd)
        print ("reading mail & password")
        server.sendmail(FROM, TO, msg.as_string())
        print ("from")
        server.close()
        print ('successfully sent the mail')
except:
        print ("failed to send mail")
```
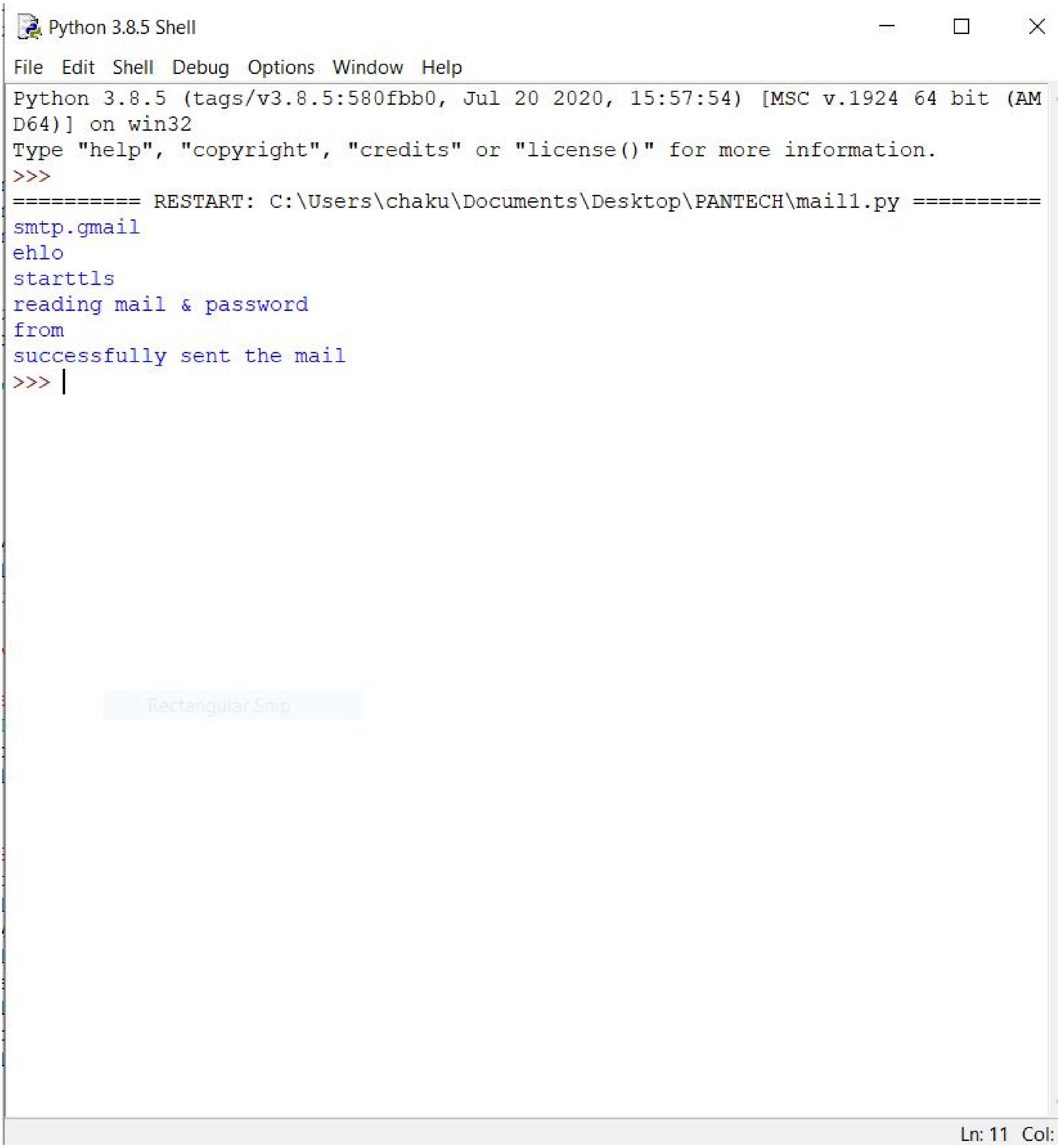
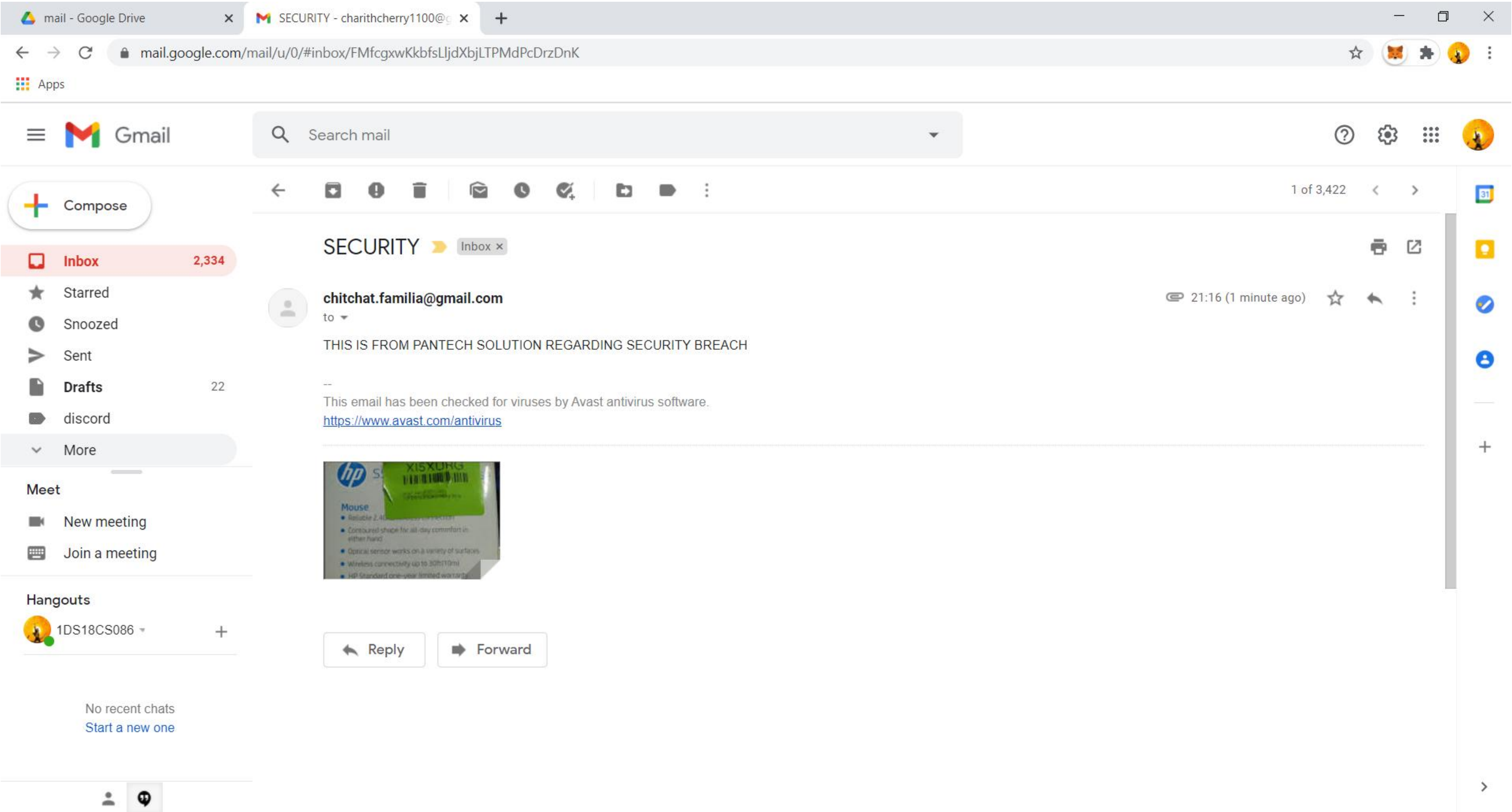



```
Python 3.8.5 (tags/v3.8.5:580fbb0, Jul 20 2020, 15:57:54) [MSC v.1924 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> 
========== RESTART: C:\Users\chaku\Documents\Desktop\PANTECH\mail1.py ==========
smtp.gmail
ehlo
starttls
reading mail & password
from
successfully sent the mail
>>> 
```



SECURITY

chitchat.familia@gmail.com

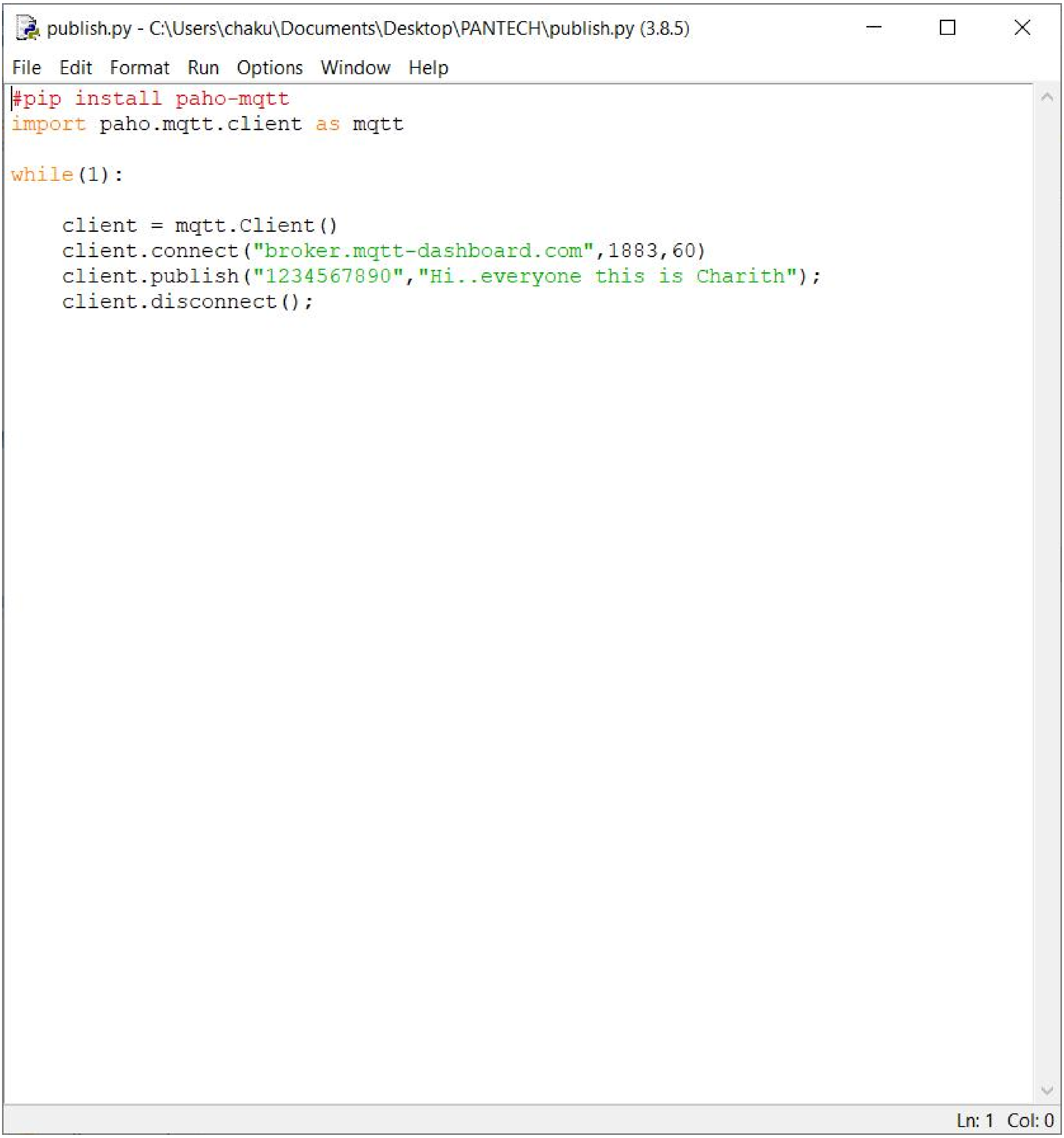
to

THIS IS FROM PANTECH SOLUTION REGARDING SECURITY BREACH

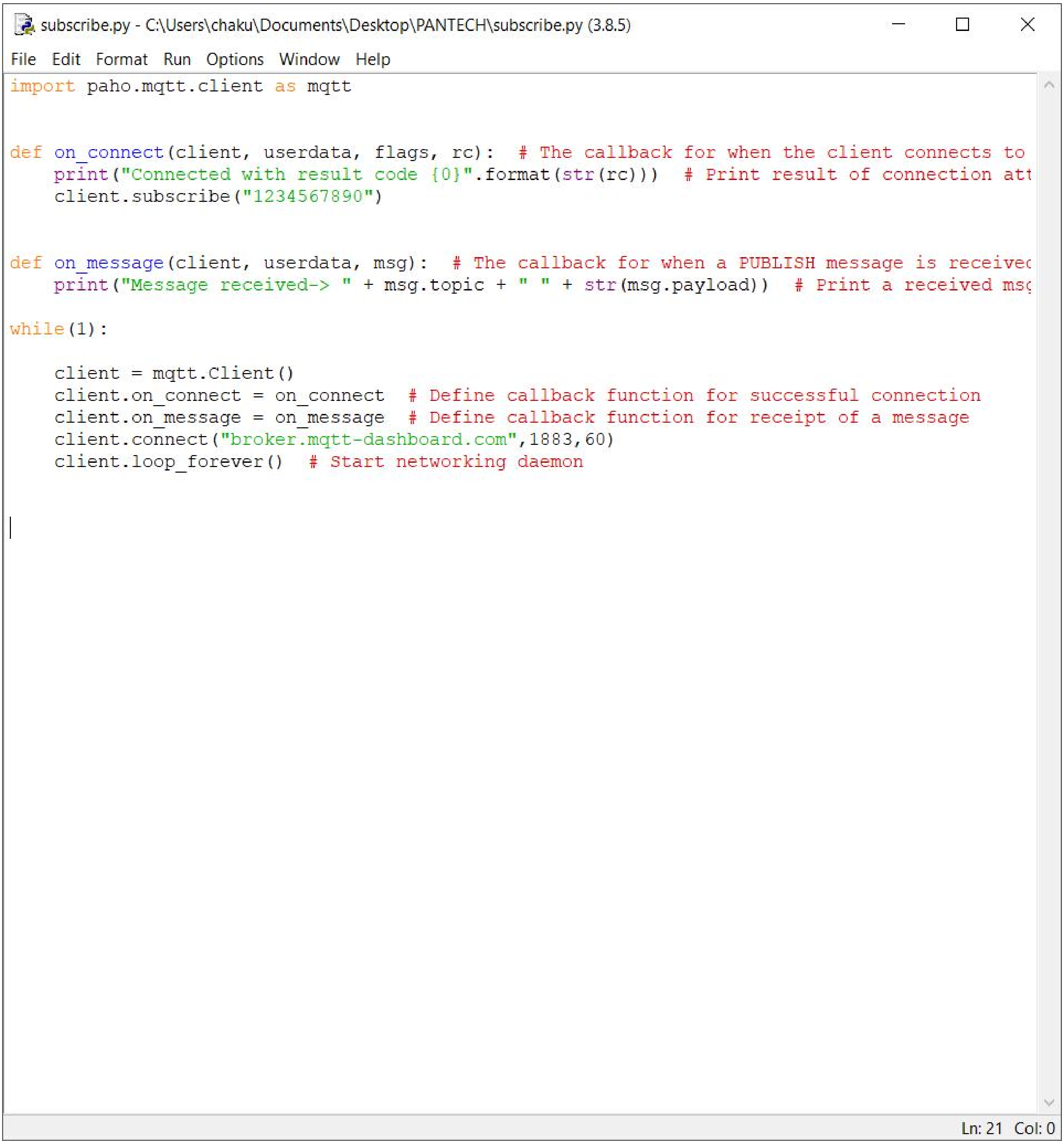
--

This email has been checked for viruses by Avast antivirus software.

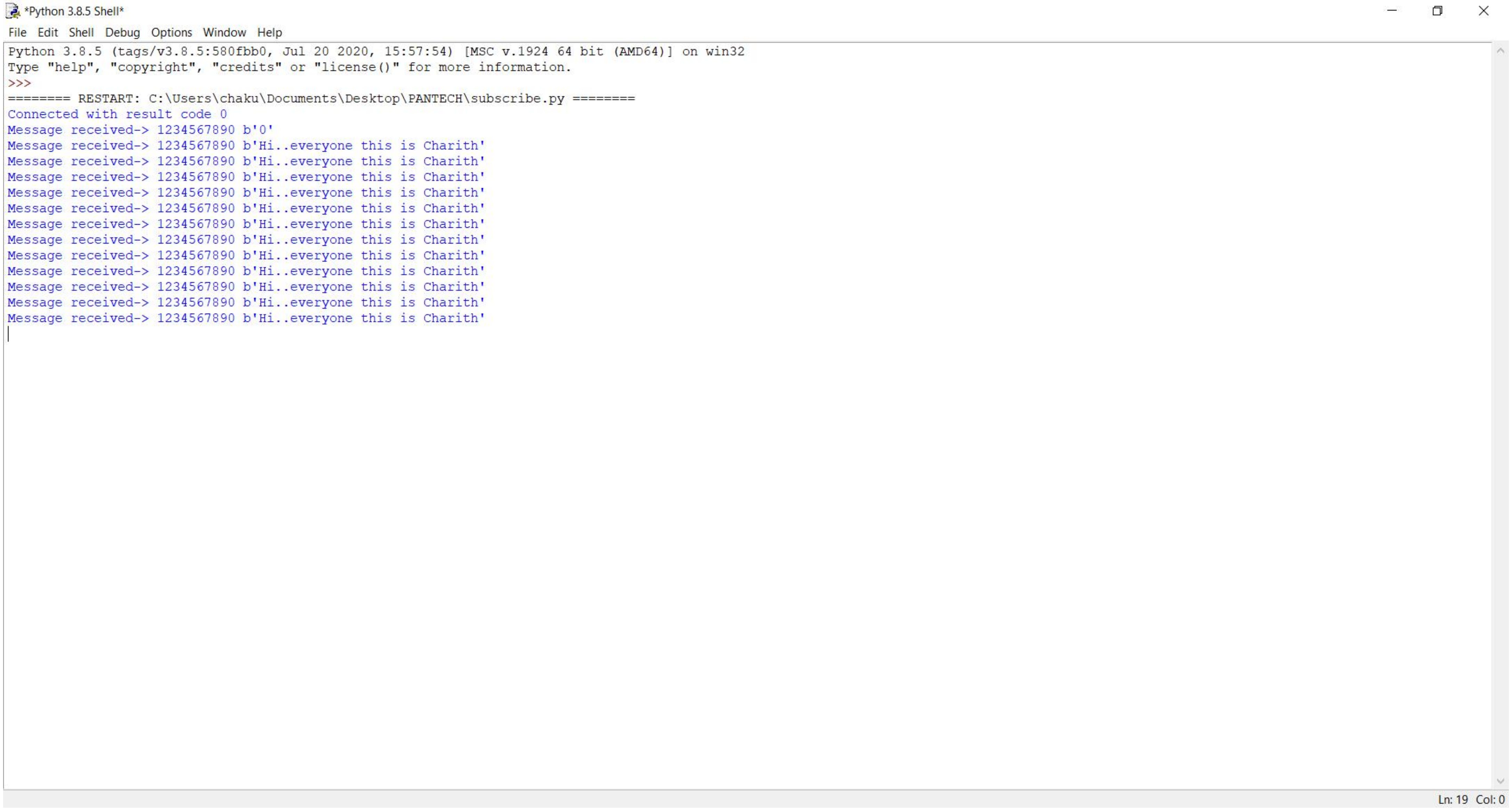
https://www.avast.com/antivirus


publish.py - C:\Users\chaku\Documents\Desktop\PANTECH\publish.py (3.8.5)
File Edit Format Run Options Window Help
Ln: 1 Col: 0

```
#pip install paho-mqtt
import paho.mqtt.client as mqtt

while(1):

    client = mqtt.Client()
    client.connect("broker.mqtt-dashboard.com",1883,60)
    client.publish("1234567890","Hi..everyone this is Charith");
    client.disconnect();
```


subscribe.py - C:\Users\chaku\Documents\Desktop\PANTECH\subscribe.py (3.8.5)
File
Edit
Format
Run
Options
Window
Help
Ln: 21
Col: 0

```python
import paho.mqtt.client as mqtt


def on_connect(client, userdata, flags, rc):  # The callback for when the client connects to
    print("Connected with result code {0}".format(str(rc)))  # Print result of connection att
    client.subscribe("1234567890")


def on_message(client, userdata, msg):  # The callback for when a PUBLISH message is receive
    print("Message received-> " + msg.topic + " " + str(msg.payload))  # Print a received ms

while(1):

    client = mqtt.Client()
    client.on_connect = on_connect  # Define callback function for successful connection
    client.on_message = on_message  # Define callback function for receipt of a message
    client.connect("broker.mqtt-dashboard.com",1883,60)
    client.loop_forever()  # Start networking daemon
```



```
Python 3.8.5 (tags/v3.8.5:580fbb0, Jul 20 2020, 15:57:54) [MSC v.1924 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> 
======== RESTART: C:\Users\chaku\Documents\Desktop\PANTECH\subscribe.py ========
Connected with result code 0
Message received-> 1234567890 b'0'
Message received-> 1234567890 b'Hi..everyone this is Charith'
Message received-> 1234567890 b'Hi..everyone this is Charith'
Message received-> 1234567890 b'Hi..everyone this is Charith'
Message received-> 1234567890 b'Hi..everyone this is Charith'
Message received-> 1234567890 b'Hi..everyone this is Charith'
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```