

Practical No.6

Aim: Creating a Keylogger with Python

- Write a Python script that captures and logs keystrokes from a target system.
- Execute the keylogger script and observe the logged keystrokes.
- Understand the potential security risks associated with keyloggers and the importance of protecting against them.

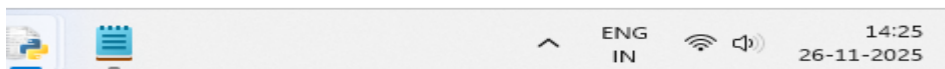
Code:

```
import logging
print("Bhumika Shelar | T114")
# Log file
log_dir = ""
logging.basicConfig(filename=log_dir + "typed_log.txt",
                    level=logging.DEBUG,
                    format='%(asctime)s: %(message)s')
```

```
def log_input():
    while True:
        text = input("Type something (or 'exit' to stop): ")
        if text.lower() == "exit":
            print("Logging stopped.")
            break
        logging.info(text)
        print("Logged:", text)
```

```
log_input()
```

```
import logging
print("Bhumika Shelar | T114")
# Log file
log_dir = ""
logging.basicConfig(filename=log_dir + "typed_log.txt",
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            break
        logging.info(text)
        print("Logged:", text)
log_input()
```



Output:

```
File Edit Shell Debug Options Window Help
----- RESTART: C:\Users\shab\Downlo
ads\Prac6eh.py =====
Bhumika Shelar | T114
Type something (or 'exit' to stop): bhumika
Logged: bhumika
Type something (or 'exit' to stop): jyoti
Logged: jyoti
Type something (or 'exit' to stop): hi
Logged: hi
Type something (or 'exit' to stop): bye
Logged: bye
Type something (or 'exit' to stop): morning
Logged: morning
Type something (or 'exit' to stop): kermeen
Logged: kermeen
Type something (or 'exit' to stop): tycs
Logged: tycs
Type something (or 'exit' to stop): |
```

```
2025-11-26 14:18:04,745: bhumika
2025-11-26 14:21:51,331: bhumika
2025-11-26 14:22:24,972: jyoti
2025-11-26 14:22:27,291: hi
2025-11-26 14:22:29,931: bye
2025-11-26 14:22:33,475: morning
2025-11-26 14:22:36,460: kermeen
2025-11-26 14:23:08,195: tycs
```