

main.py



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Output

Clear

```
1 import datetime
2
3 def simulated_keylogger():
4     logs = []
5
6     print("Simulated Keylogger (safe)")
7     print("Type something (type 'EXIT' to stop):")
8
9     while True:
10         keys = input("> ")
11
12         if keys.upper() == "EXIT":
13             print("Logging stopped.")
14             break
15
16         timestamp = datetime.datetime.now().strftime("%Y-%m-%d %H
            :%M:%S")
17         logs.append(f"[{timestamp}] {keys}")
18     print("\n--- Logged Keystrokes ---")
19     for log in logs:
```

```
Simulated Keylogger (safe)
Type something (type 'EXIT' to stop):
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```
12 - if keys.upper() == 'EXIT':
13     print("Logging stopped.")
14     break
15
16     timestamp = datetime.datetime.now().strftime("%Y-%m-%d %H
    :%M:%S")
17     logs.append(f"[{timestamp}] {keys}")
18 print("\n--- Logged Keystrokes ---")
19 for log in logs:
20     print(log)
21
22 try:
23     with open("key_log.txt", "a") as file:
24         for log in logs:
25             file.write(log + "\n")
26     print("\nLogs saved to key_log.txt")
27 except PermissionError:
28     print("\n No permission to save to a file in this
    environment. Logs only displayed above.")
29 simulated_keylogger()
```

```
^ Simulated Keylogger (safe)
Type something (type 'EXIT' to stop):
>
```