

KEYLOGGER

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Keylogger

- Keylogger is a program that records all keys pressed from the keyboard.
- In our keylogger, active window and time are used as the title in the text document and the pressed keys are under this title.



On Press

- First, when any key is pressed on the keyboard, the active screen is checked.
- If the active screen has changed, the new screen and date will be written.
- Then the pressed key is checked



Special Keys

- When all special keys are pressed, their name is typed. [ALT]
- If there is a function that the pressed key performs on the text, that function is performed.
- [Backspace – (A)]. The last key in the text, A, is deleted.



Special Commands

CTRL+ALT

- When pressed, the window opens and closes.

CTRL+SHIFT+ALT+ENTER

- When pressed, the text document is sent via e-mail.



Sending E-mail

- In keylogger, sending e-mail is handled using smtp server.
- When ctrl+shift+alt+enter is pressed, all keys pressed so far are saved in a text file.
- This file is sent as an attachment to our e-mail.



Window

- Used tkinter library for window
- This window is created and hidden when the program runs
- With the ctrl+alt command, the window can be made visible or hidden again.



Window

- There is a scrolled text inside the window.
- This text is updated every time the window changes from hidden to visible.
- Thanks to the button at the bottom of the screen, the saved text document is sent as an e-mail.



Resources

- <https://www.thepythoncode.com/code/write-a-keylogger-python>
- <https://www.geeksforgeeks.org/python-tkinter-scrolledtext-widget/>
- <https://docs.python.org/3/library/tkinter.html>
- <https://realpython.com/python-gui-tkinter/>

Thank you for listening