Key Loggers Project

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What is key logger?

- Keyloggers are a particularly insidious type of [spyware](#) that can record and steal consecutive keystrokes that the user enters on a device.

- The term keylogger, or "keystroke logger," is self-explanatory: Software that logs what you type on your keyboard. However, keyloggers can also enable cybercriminals to eavesdrop on you, watch you on your system camera, or listen over your smartphone's microphone.

Types of key loggers:

- **Keylogger types**
- **Hardware Keyloggers**: These are physical devices that are attached to the computer. They intercept the data sent from the keyboard to the computer.
- **Software Keyloggers**: These are programs that run on the targeted computer system. They monitor and record keystrokes.

Hardware:

- **Hardware keyloggers** are used for [keystroke logging](#), a method of capturing and recording computer users' keystrokes, including sensitive passwords.[1]

- [1] They can be implemented via [BIOS](#)-level [firmware](#), or alternatively, via a device plugged inline between a [computer keyboard](#) and a computer. They log all keyboard activity to their internal memory.

Software:

- Hardware keyloggers, while less common, are equally as damaging. They function by being manually connected to the computer, either between the keyboard's plug and the PC's keyboard port, or installed inside the keyboard itself.

- Once installed, they begin capturing keystrokes directly, storing them in their internal memory.

- This data can then be accessed by the cybercriminal either by physically retrieving the device or via wireless methods if the device has such capabilities.

Use of key logger:

- A keylogger, sometimes called a keystroke logger, is a type of surveillance technology used **to monitor and record each keystroke on a specific device**, such as a computer or smartphone.

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Problem Statement:

- A **problem statement** is a concise and concrete summary of the [research problem](#) you seek to address. It should:

- Contextualize the problem. What do we already know?

- Describe the exact issue your research will address. What do we still need to know?

- Show the relevance of the problem. Why do we need to know more about this?

- Set the objectives of the research

Result:

Keyloggers are often associated with infection by other [types of malware](#), but not always. A keylogger could also be deployed by parents, suspicious husbands/wives, a rival business, or just about anyone who wants to sneakily track what is being typed or input on a particular device.

Conclusion:

- A keylogger recorder can record instant messages, e-mail, and any information you type at any time using your keyboard.

- The log file created by the keylogger can then be sent to a specified receiver.

- There are two types of keyloggers namely Hardware Keyloggers & Software Keyloggers. There have Several Measures can be taken to protect against keyloggers.

THANK YOU