****Report on the Folder: MultipleFiles****

****1. Overview****

* The folder contains two files: **keylogger.py** and **open\_keylog.bat**.
* The files are related to a keylogging application that captures keystrokes and logs them to a text file.

****2. File Descriptions****

****File: keylogger.py****

* + ****Purpose****: Implements a keylogger that records keystrokes to a log file.
  + ****Key Features****:
    - Uses the **pynput** library to listen for keyboard events.
    - Logs key presses to a file named **keylog.txt** located on the user's Desktop.
    - Handles both regular and special keys (e.g., space, enter, escape).
    - Stops logging when the ESC key is pressed.
  + ****Logging Configuration****:
    - Log file path: **~/Desktop/keylog.txt**
    - Log format includes timestamps for each key press.

****File: open\_keylog.bat****

* + ****Purpose****: A batch file to open the log file in Notepad.
  + ****Functionality****:
    - Executes a command to start Notepad with the **keylog.txt** file.
    - Uses the environment variable **%USERPROFILE%** to locate the Desktop directory.

****3. Usage Instructions****

* To start logging keystrokes:
  + Run the **keylogger.py** script. This will begin capturing keystrokes and logging them to **keylog.txt**.
* To view the logged keystrokes:
  + Execute the **open\_keylog.bat** file, which will open the log file in Notepad.

****4. Security and Ethical Considerations****

* ****Important Note****: Keyloggers can be used for malicious purposes. Ensure that you have permission to log keystrokes on any device.
* Use responsibly and ethically, adhering to legal guidelines regarding privacy and data collection.

****5. Conclusion****

* The **MultipleFiles** folder contains a simple keylogger implementation and a utility to view the logged data. It is essential to handle such tools with care and respect for privacy.