Task 4: Using grep to Search within Files

Objective
Utilize the grep command to search text within files and redirect the output to another file.

Task Description
Search for all occurrences of the word "Linux" in the file LinuxHistory.txt and redirect the matching lines to a new file named LinuxInstances.txt.

Command Used
grep "Linux" LinuxHistory.txt > LinuxInstances.txt

Explanation
The grep command searches for lines containing the word Linux in the given file. The output redirection operator (>) saves the result into LinuxInstances.txt instead of displaying it on the terminal.

Verification Command
cat LinuxInstances.txt

Expected Output
The LinuxInstances.txt file will contain all lines from LinuxHistory.txt that include the word Linux.

Screenshot Section

1. Execution of grep command & output verification using cat command

External References
- Linux Operating System
- Terminal / Shell
- grep command
- cat command
- Text editor (nano / vi)
- Microsoft Word / LibreOffice Writer

Conclusion
This task demonstrates how grep can efficiently search text within files and redirect results for documentation or further processing.