Operating Systems

Lab assignment 2

<u>Part 1</u>

Outputs of the following commands:

1. **pwd** – Prints the current working directory.
2. **cd** – Changes the directory.
3. **ls** – Lists files and directories.
4. **mkdir** – Creates a new directory.
5. **rm** – Removes files or directories.
6. **touch** – Creates an empty file or updates the timestamp.
7. **hostname** – Displays the system's hostname
8. **cat** – Displays file contents or concatenates files.
9. **chmod** – Changes file permissions.
10. **echo** – Prints text or variables to the terminal.
11. **grep** – Searches for a pattern in a file.
12. **fgrep** – Searches for a fixed string (faster grep).
13. **mv** – Moves or renames files.
14. **cp** – Copies files or directories.
15. **more** – Views file contents page by page (forward only).
16. **less** – Views file contents with scrolling (forward/backward).
17. **wc** – Counts lines, words, and characters in a file.
18. **awk** – Pattern scanning and text processing.
19. **sed** – Stream editor for modifying text in files.
20. **tail** – Displays the last few lines of a file.