1. Creating and Renaming Files/Directories

Create a directory named test\_dir using mkdir.

Inside test\_dir, create an empty file called example.txt.

Rename example.txt to renamed\_example.txt using mv

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AI-generated content may be incorrect.

Explanation:

Created test\_dir using mkdir command

Used cd command for going inside the test\_dir

Used touch to create a file example.txt

Used mv to rename the file

2. Viewing File Contents

Use cat to display the contents of /etc/passwd.

A screen shot of a computer

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Display only the first 5 lines of /etc/passwd using head.

A screen shot of a computer code

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Display only the last 5 lines of /etc/passwd using tail.

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3.Searching for Patterns

Use grep to find all lines containing the word "root" in /etc/passwd.

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4. Zipping and Unzipping

Compress the test\_dir directory into a file named test\_dir.zip using zip.

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Unzip test\_dir.zip into a new directory named unzipped\_dir.

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5. Downloading Files

Use wget to download a file from a URL (e.g., <https://example.com/sample.txt>).

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6. Changing Permissions

Create a file named secure.txt and change its permissions to read-only for everyone using chmod.

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7. Working with Environment Variables

Use export to set a new environment variable called MY\_VAR with the value "Hello, Linux!".

A screenshot of a computer program

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