TuteDude Assignment

1. Creating and Renaming Files/Directories

Create a directory named test\_dir using mkdir

—> mkdir test\_dir (mkdir command is used to create a folder)

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

—> cd test\_dir && touch example.txt (cd command is used to go inside dir and && is used to combine another command. Touch is used to create a empty file)

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

—> mv example.txt renamed\_example.txt (to renam the file)

Viewing File Contents

Use cat to display the contents of /etc/passwd

—> cat /etc/passwd (output the contains)

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

—> head -n 5 /etc/passwd (print top file lines)

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

—> tail -n 5 /etc/passwd (print last 5 line)

3.Searching for Patterns

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

—> grep root /etc/passwd (find all lines that containe root as word)

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

—> zip -r test\_dir.zip test\_dir/ (create a .zip file for us)

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

—> unzip test\_dir.zip -d unzipped\_dir (this will unzipped the zip file to unzipped folder)

5. Downloading Files

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

—> wget [https://example.com/sample.tx](https://example.com/sample.txt)t

6. Changing Permissions

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

—> touch secure.txt && chmod 400 secure.txt (create a secure.txt file using touch and set read only via chomd)

7. Working with Environment Variables

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

—> export MY\_VAR=”Hello,Linux”

Git hub Link:

My profile: https://github.com/RohitDarekar816

This Project repo: https://github.com/RohitDarekar816/tutedude.git