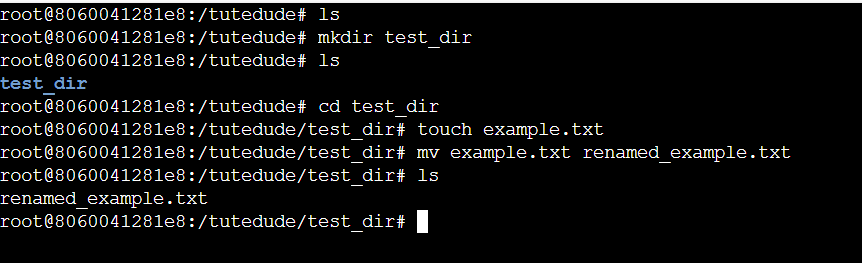
**TUTEDUDE-LINUX ASSIGNMENT**

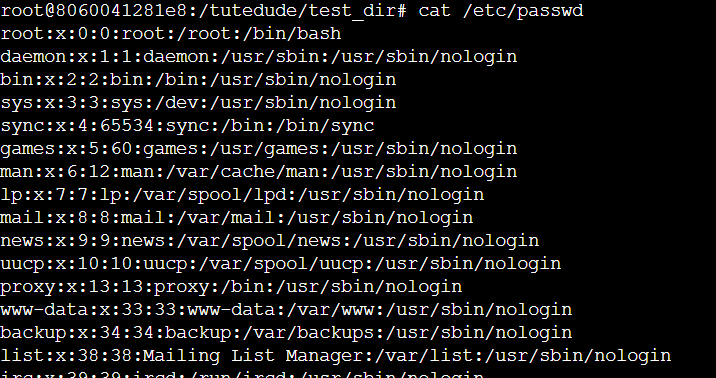
**Task 1: Creating and Renaming Files/Directories**

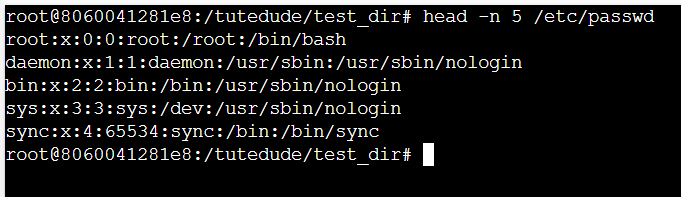
* I created a directory named test\_dir using the mkdir command.
* Inside that directory, I created an empty file called example.txt using the touch command.
* Then, I renamed example.txt to renamed\_example.txt using the mv command.

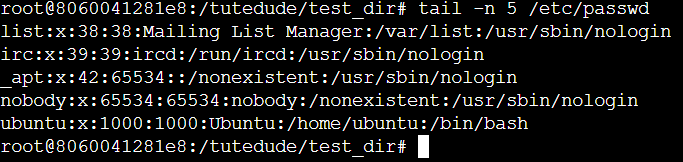


**Task 2: Viewing File Contents**

* I used the cat command to display the full contents of the /etc/passwd file.
* I used the head command with -n 5 to show only the first 5 lines of the file.
* I used the tail command with -n 5 to show only the last 5 lines of the file.

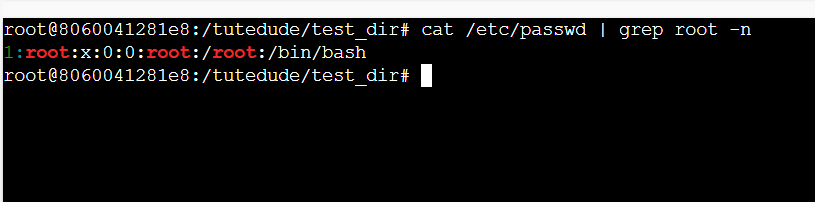






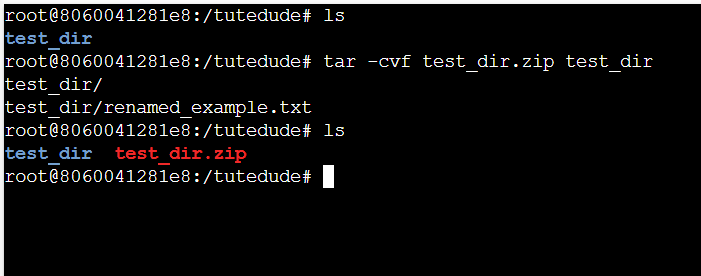
**Task 3: Searching for Patterns**

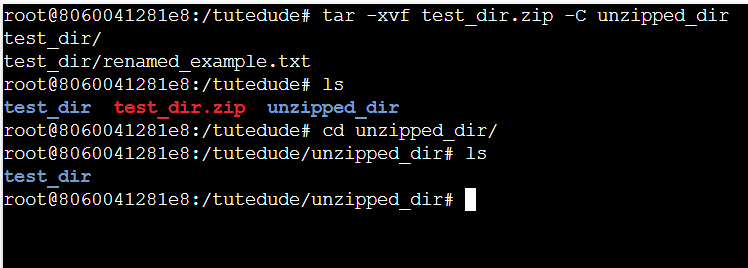
* I used the grep command to search for all lines that contain the word **"root"** inside /etc/passwd.



**Task 4: Zipping and Unzipping**

* I compressed the test\_dir directory into a .zip file using the tar and zip command.
* Then, I created a new directory named unzipped\_dir and extracted the zip contents into it using unzip.

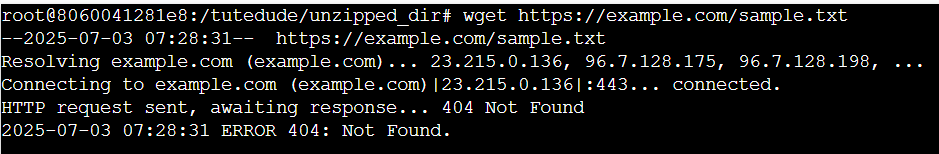




**Task 5: Downloading Files**

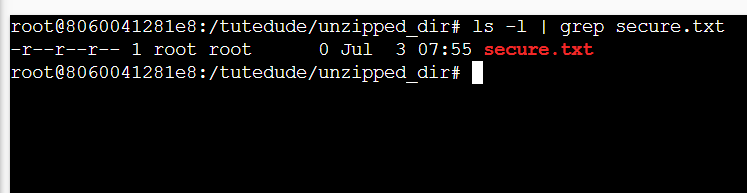
* I used the wget command to download a sample file from a URL. This saves the file to the current directory.

(Note: You can test with any downloadable link, e.g., https://example.com/sample.txt)



**Task 6: Changing Permissions**

* I created a file named secure.txt using touch.
* Then I used chmod 444 to make it **read-only for everyone** (user, group, and others).



**Task 7: Working with Environment Variables**

* I used the export command to set a new environment variable called MY\_VAR with the value "Hello, Linux!".
* Then, I used echo to verify the value.

