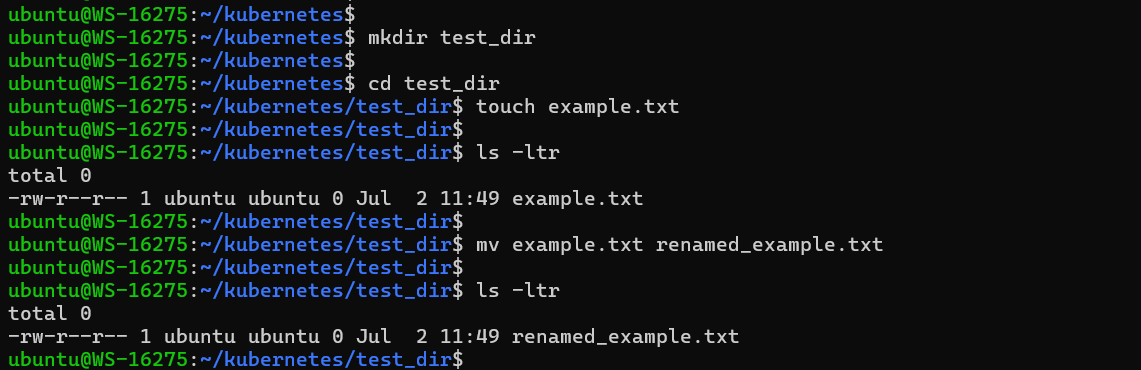
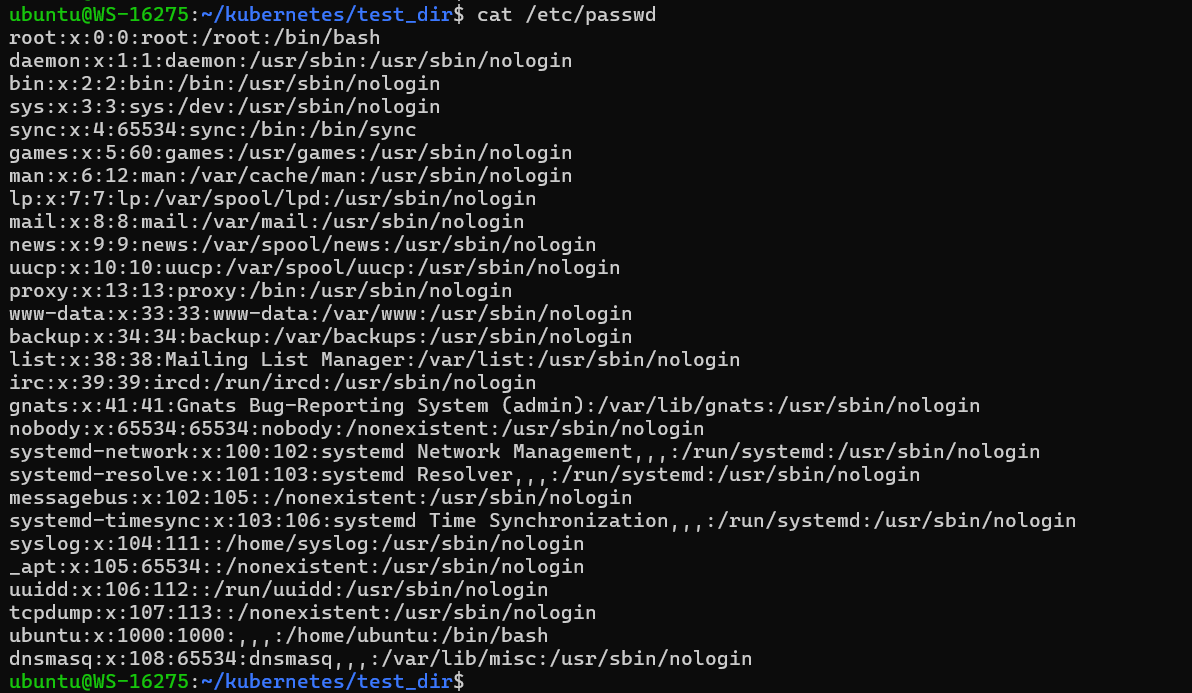
Linux Basic assignment

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

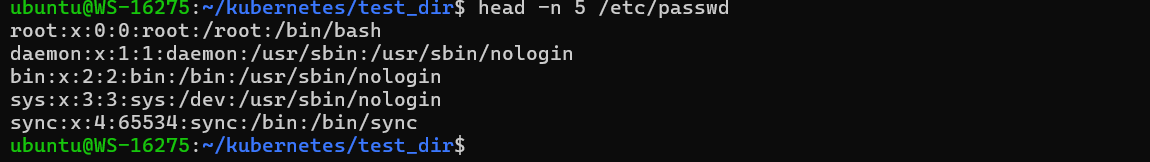


2. Viewing File Contents Use cat to display the contents of /etc/passwd.

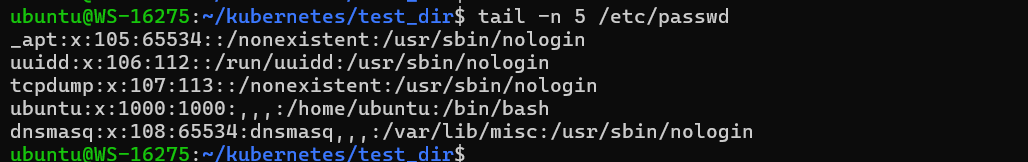
Display only the first 5 lines of /etc/passwd using head.Display only the last 5 lines of /etc/passwd using tail.



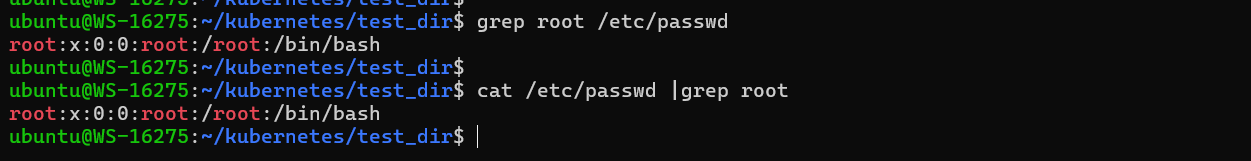
The first 5 lines of /etc/passwd using head.Display



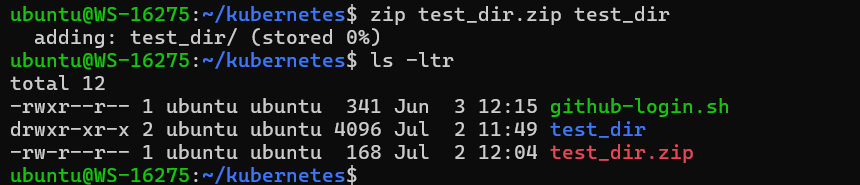
The last 5 lines of /etc/passwd using tail.

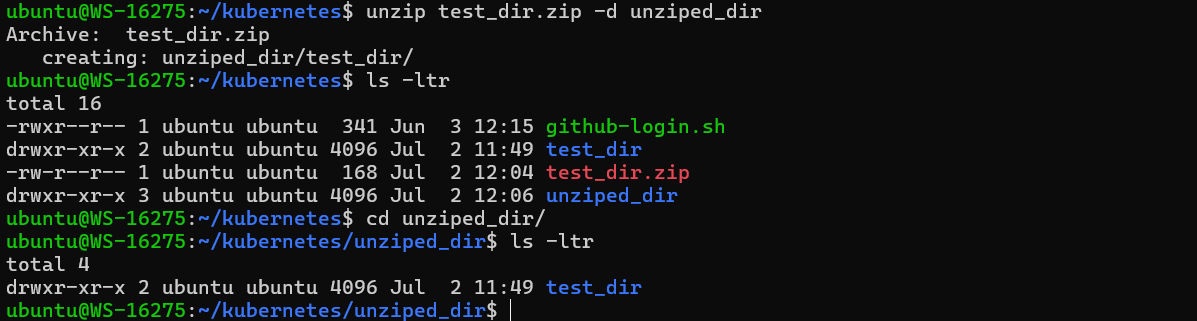


3. Searching for Patterns Use grep to find all lines containing the word "root" in /etc/passwd.

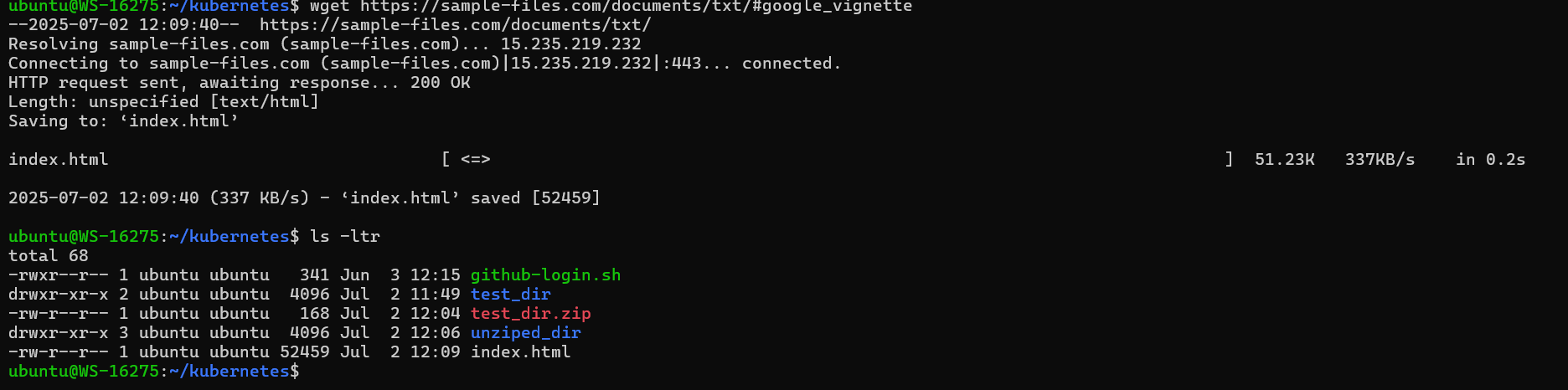


4. Zipping and Unzipping Compress the test\_dir directory into a file named test\_dir.zip using zip. Unzip test\_dir.zip into a new directory named unzipped\_dir.



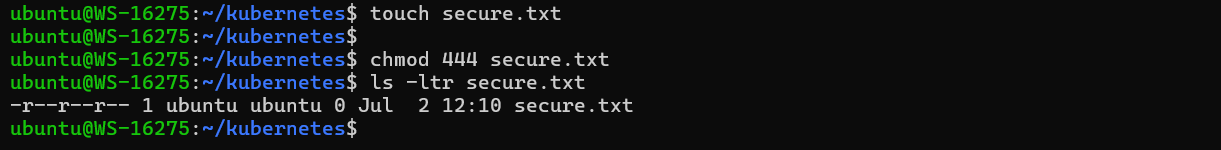


5. Downloading Files Use wget to download a file from a URL (e.g., <https://example.com/sample.txt>).



6. Changing Permissions

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



7. Working with Environment Variables

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

