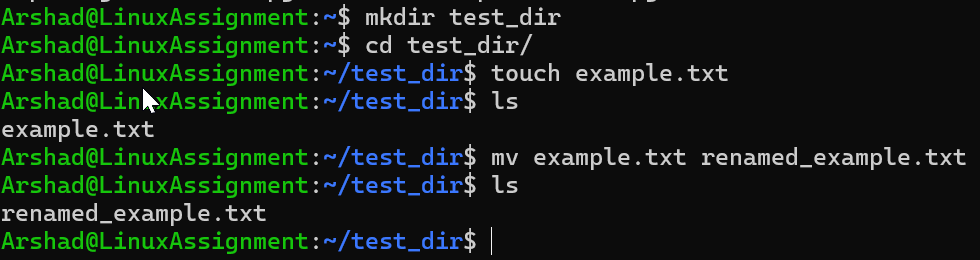
1. Creating and Renaming Files/Directories



Step 1: Created test\_dir with mkdir command (mkdir test\_dir)

Step 2: Changed directory to test\_dir with cd command (cd test\_dir)

Step 3: Created empty file name example.txt with touch command (touch example.txt)

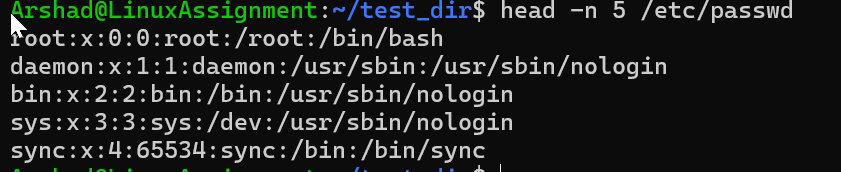
Step 4: renamed example.txt to renamed\_example.txt with mv command (mv example.txt renamed\_example.txt)

2. Viewing File Contents

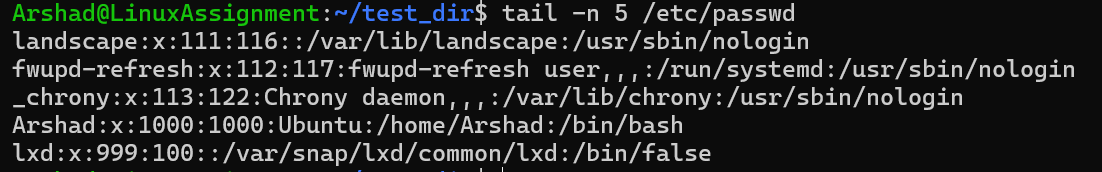
A screenshot of a computer screen

AI-generated content may be incorrect.

Used cat /etc/passwd to view content in passwd file



Used head -n 5 /etc/passwd to view first 5 lines from passwd file (-n is option for defining number of line required)



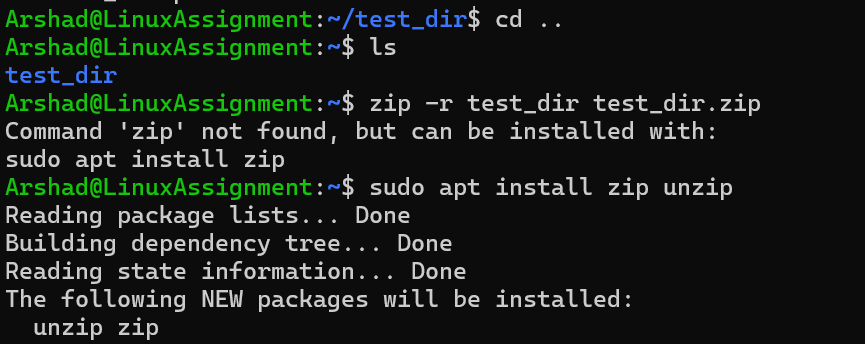
Used tail -n 5 /etc/passwd to view last 5 lines from passwd file

3.Searching for Patterns



Used cat /etc/passwd | grep root to find line containing “root“ in /ect/passwd

4. Zipping and Unzipping



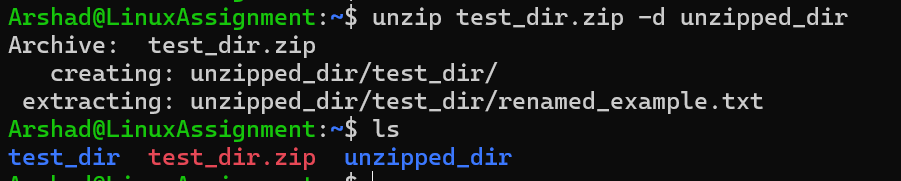
Used cd.. to change directory to move out of test\_dir and entered zip which says zip unzip package not available.

Installed zip command using sudo apt install zip unzip (sudo is super user do and apt is ubuntu package manager used to install packages)

A screen shot of a computer program

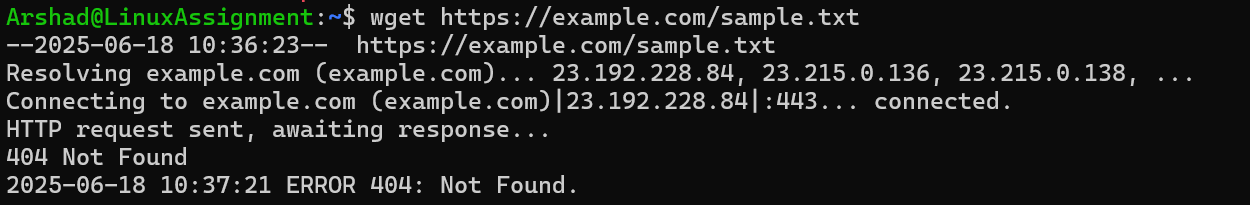
AI-generated content may be incorrect.

Entered zip -r test\_dir.zip test\_dir command to zip test\_dir into test\_dir.zip test\_dir ( -r is option for recursive to zip internal files and dir

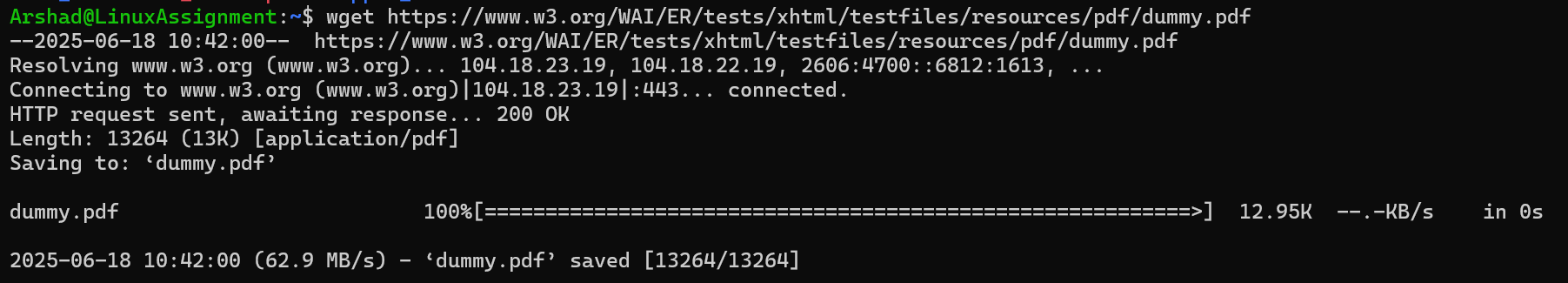


Entered unzip test\_dir.zip -d unzipped\_dir to unzip test\_dir.zip in to unzipped\_dir ( -d is option for destination

5. Downloading Files



Used wget and given URL to download file however it shows not found



Wget worked with other URL file download successfully

6. Changing Permissions

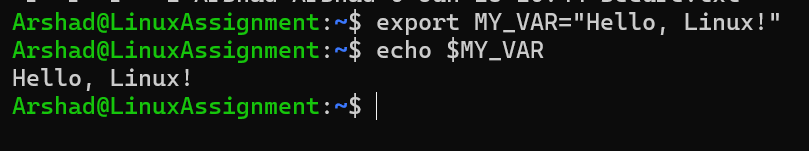
A screen shot of a computer code

AI-generated content may be incorrect.

Step 1: Created empty file secure.txt with touch command (touch secure.txt) and checked permission with ls -l secure.txt ( list command with -l option to view details of a file mentioned)

Step 2: Used Chmod 444 secure.txt chmod used to change permission, 4 is read only permission applied to user groups and other.

7. Working with Environment Variables



Export is used to assign a value to env vairiable

Used export MY\_VAR=“Hello, Linux!“ to assign =“Hello, Linux!“ value to MY\_VAR

Used echo $MY\_VAR to view value in MY\_VAR variable using $