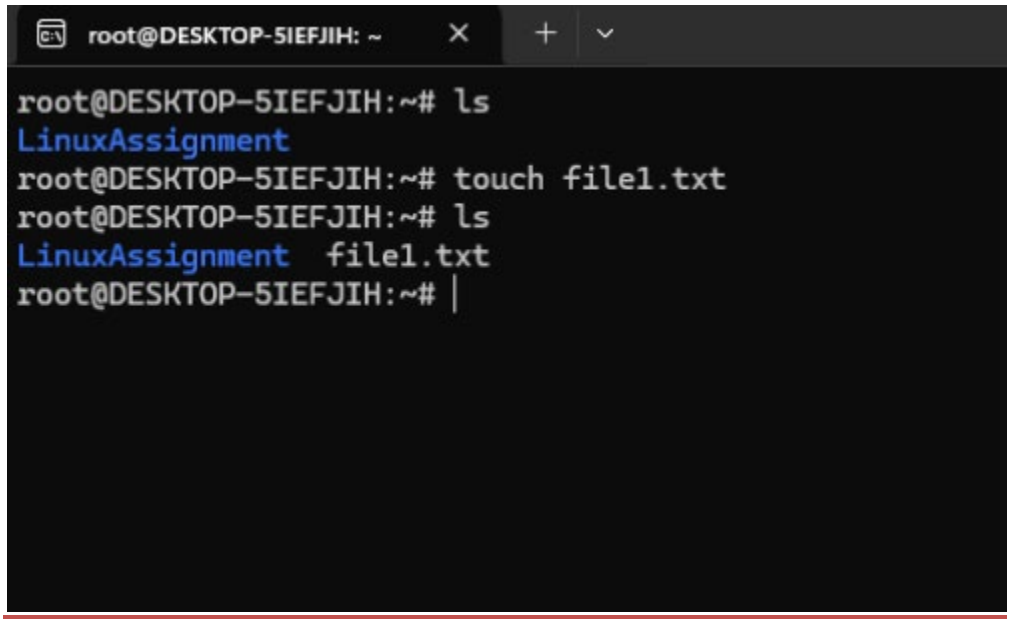
# COS ASSIGNMENT- 1

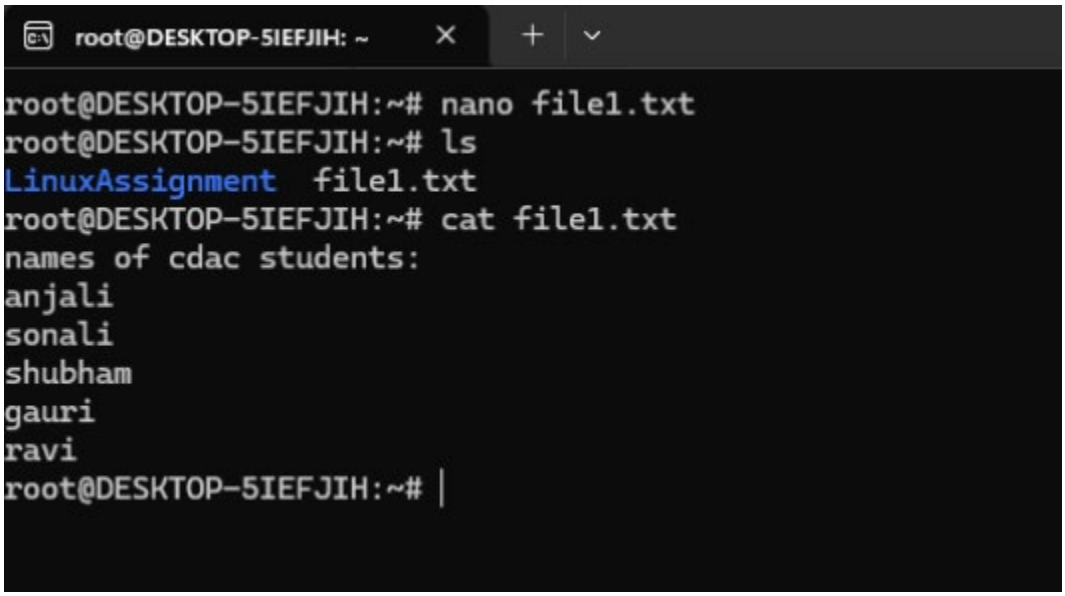
## a) Navigate and List:

**a. Start by navigating to your home directory and list its contents. Then, move into a directory named "LinuxAssignment" if it exists; otherwise, create it.**



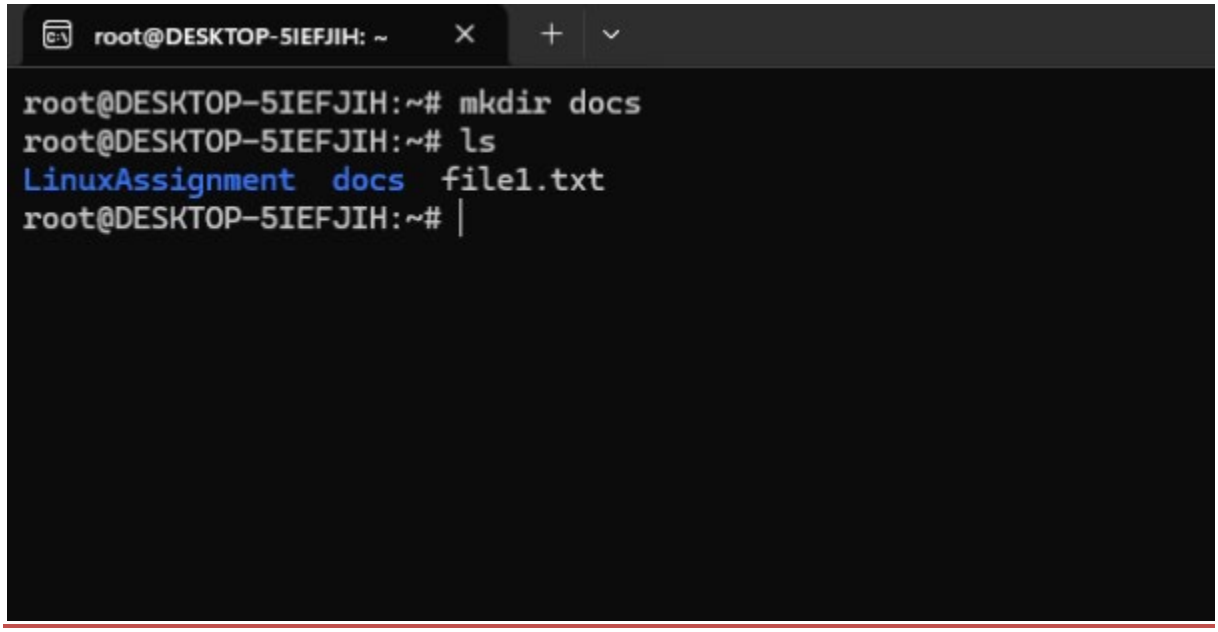

## b) File Management:

**a. Inside the "LinuxAssignment" directory, create a new file named "file1.txt". Display its content.**



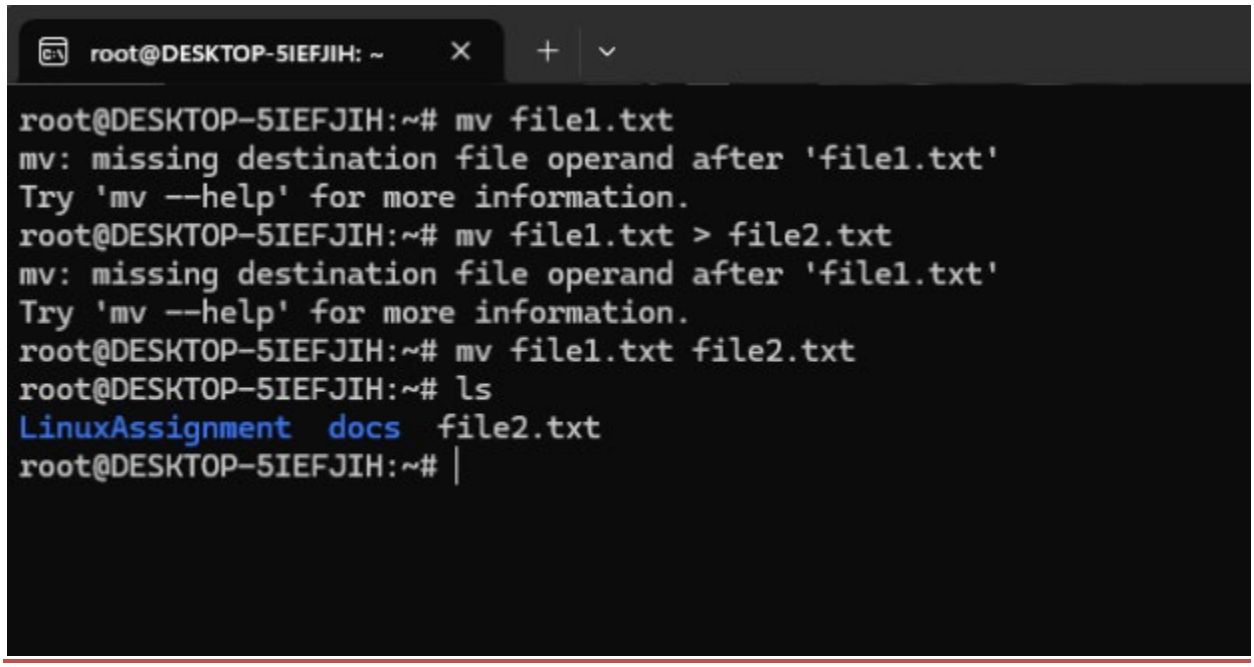
## c) Directory Management:

**a. Create a new directory named "docs" inside the "LinuxAssignment" directory.**



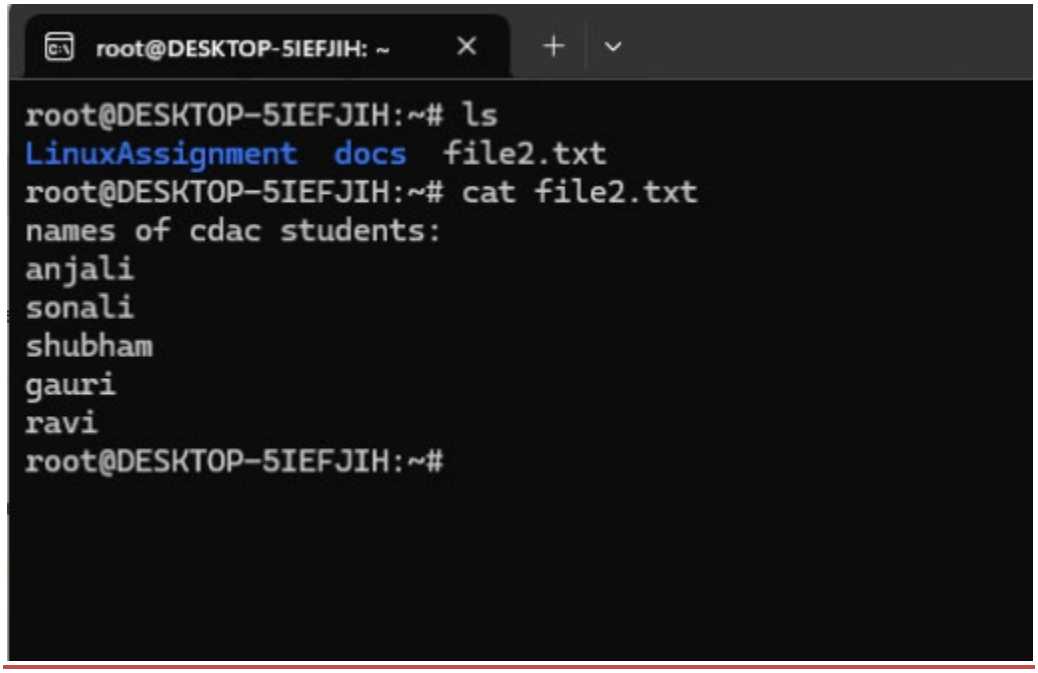

## d) Copy and Move Files:

**a. Copy the "file1.txt" file into the "docs" directory and rename it to "file2.txt".**



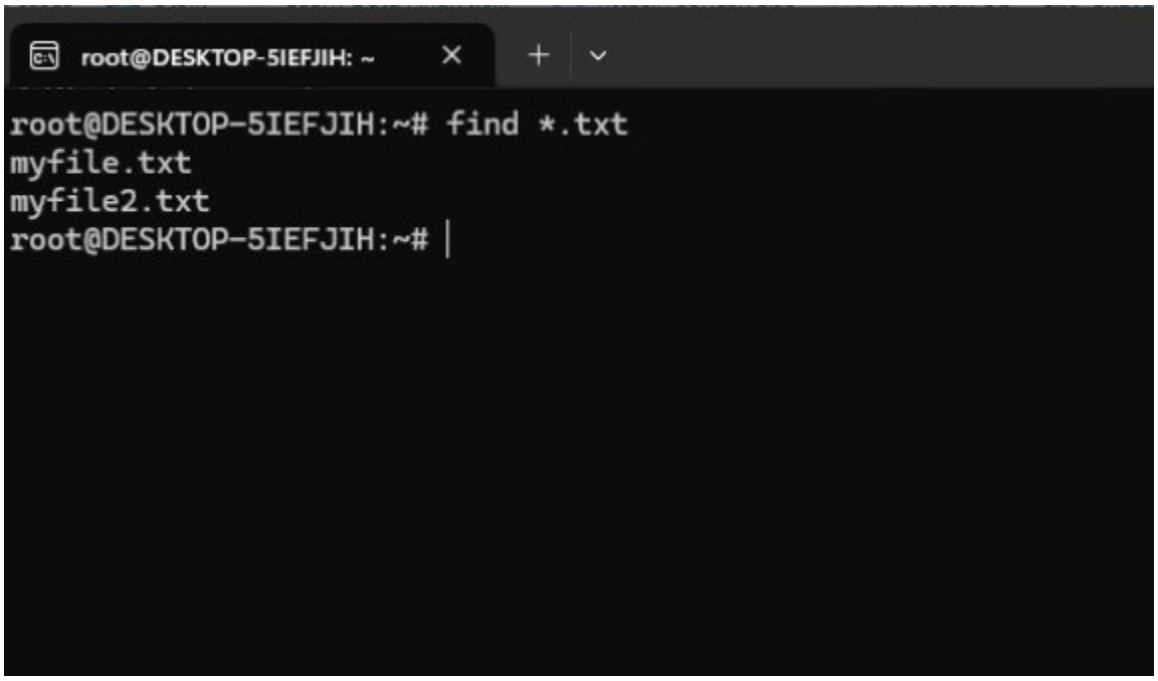
## f) Final Checklist:

**a. Finally, list the contents of the "LinuxAssignment" directory and the root directory to ensure that all operations were performed correctly**.



## g) File Searching:

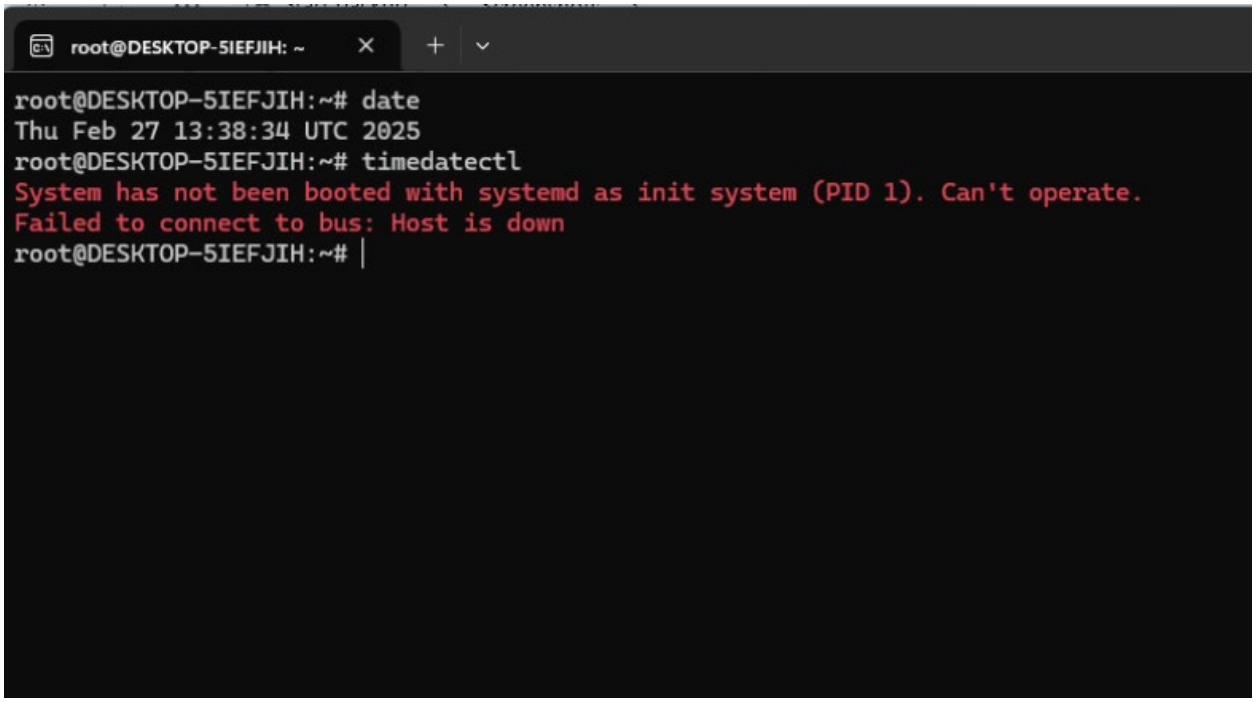
**a. Search for all files with the extension ".txt" in the current directory and its subdirectories.**




**b. Display lines containing a specific word in a file (provide a file name and the specific word to search)**

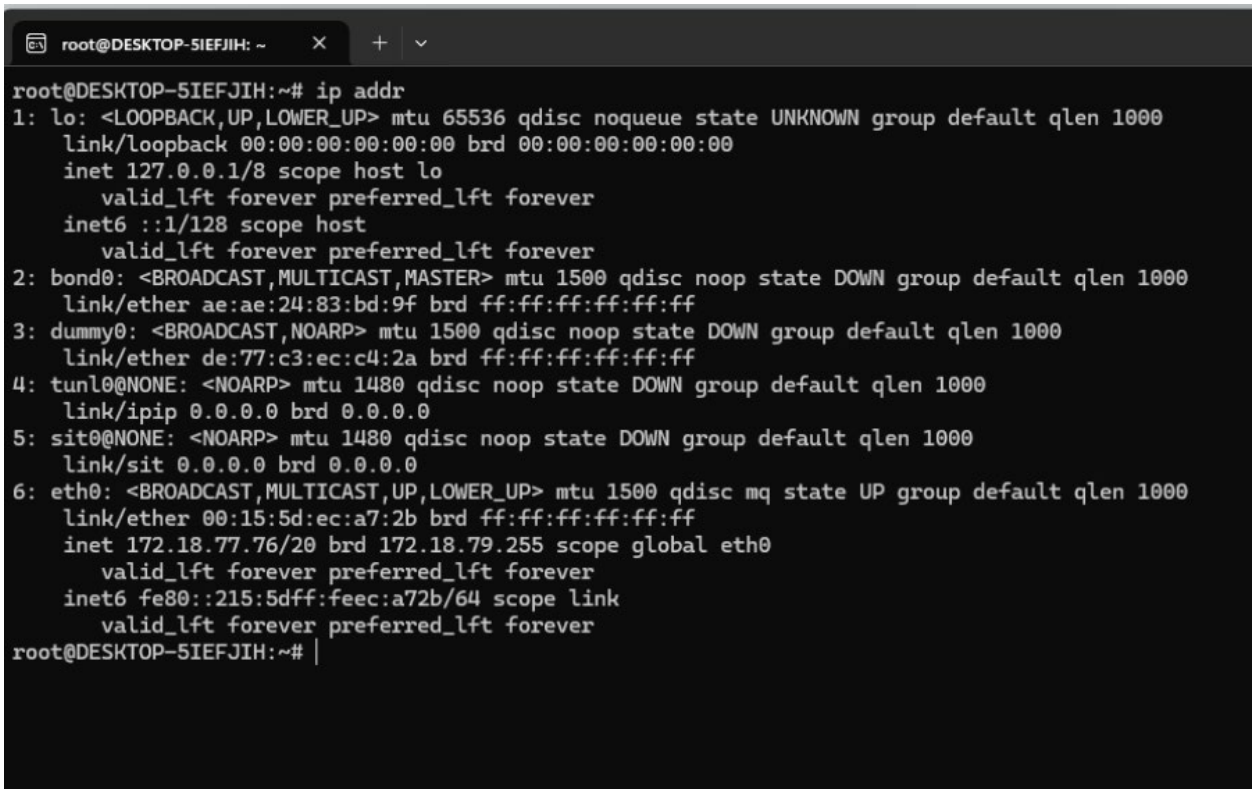
## h) System Information:

**a. Display the current system date and time.**



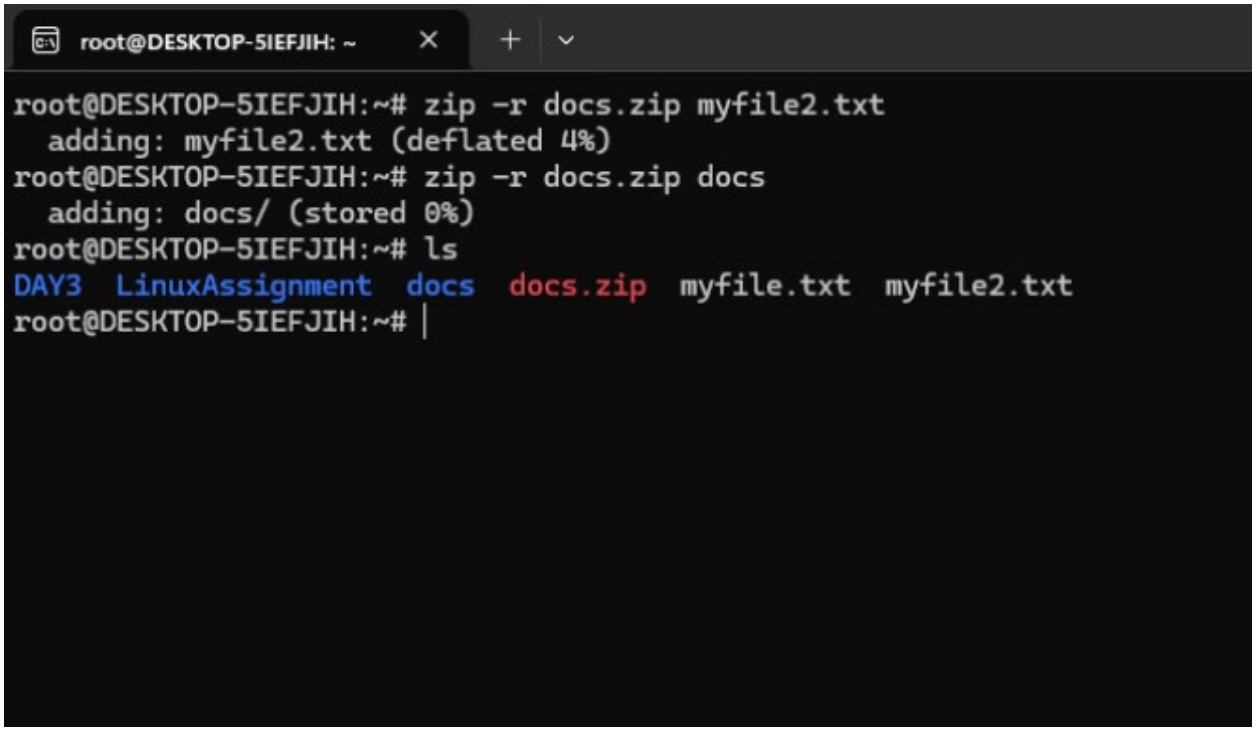
## i) Networking:

**a. Display the IP address of the system**.



## j) File Compression:

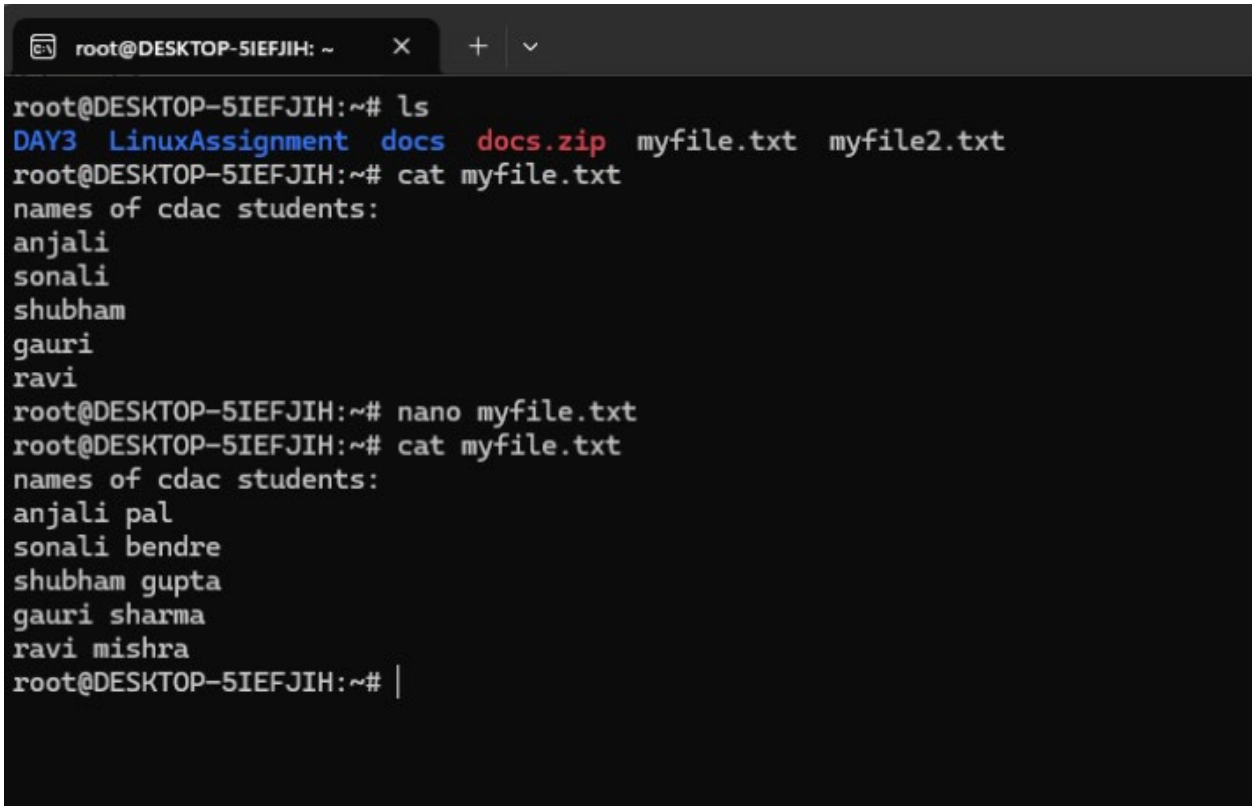
**a. Compress the "docs" directory into a zip file.**




**b. Extract the contents of the zip file into a new directory.**

## k) File Editing:

**a. Open the "file1.txt" file in a text editor and add some text to it.**




**b. Replace a specific word in the "file1.txt" file with another word (provide the original word and the word to replace it with).**