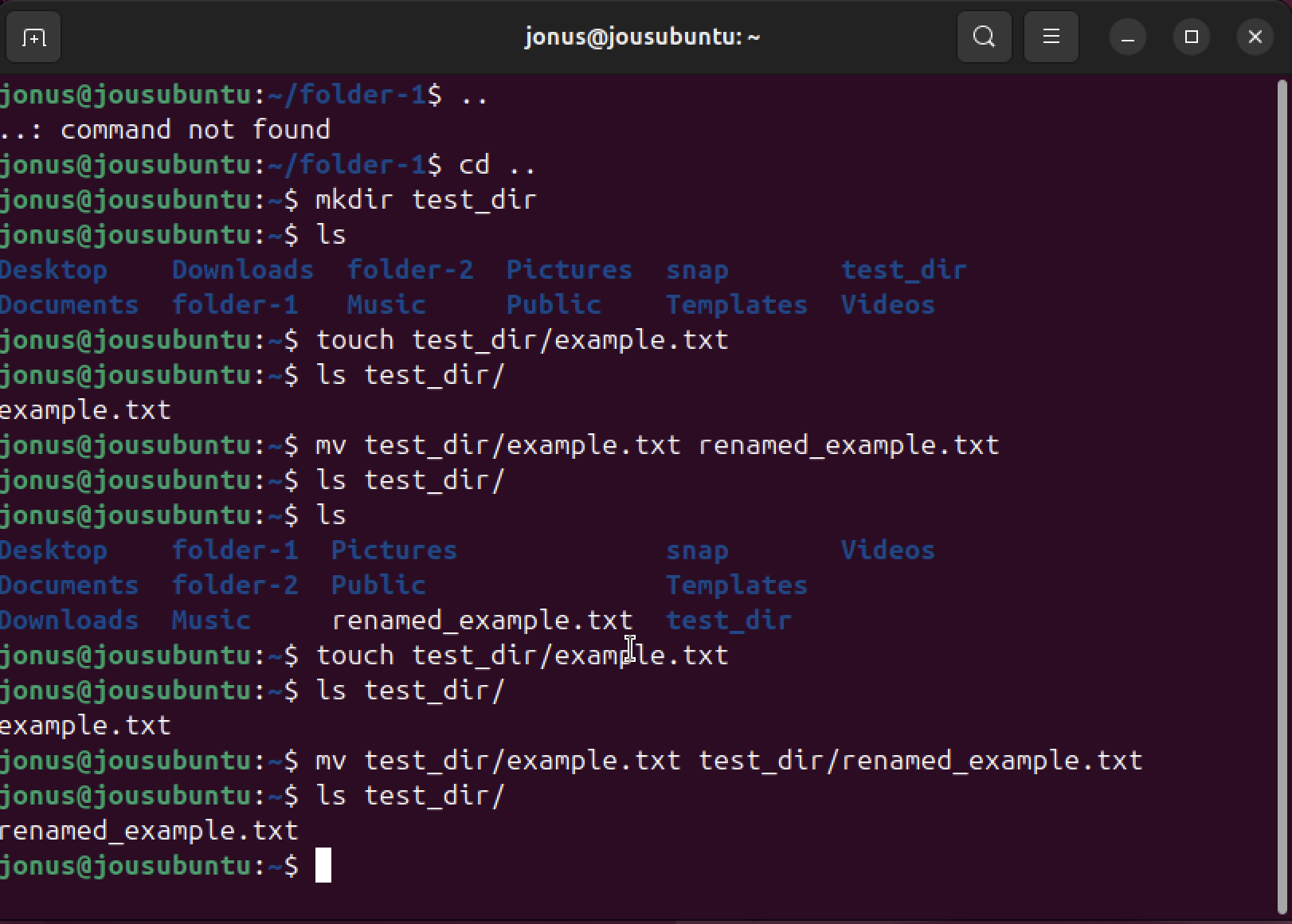
1. Creating and Renaming Files/Directories

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

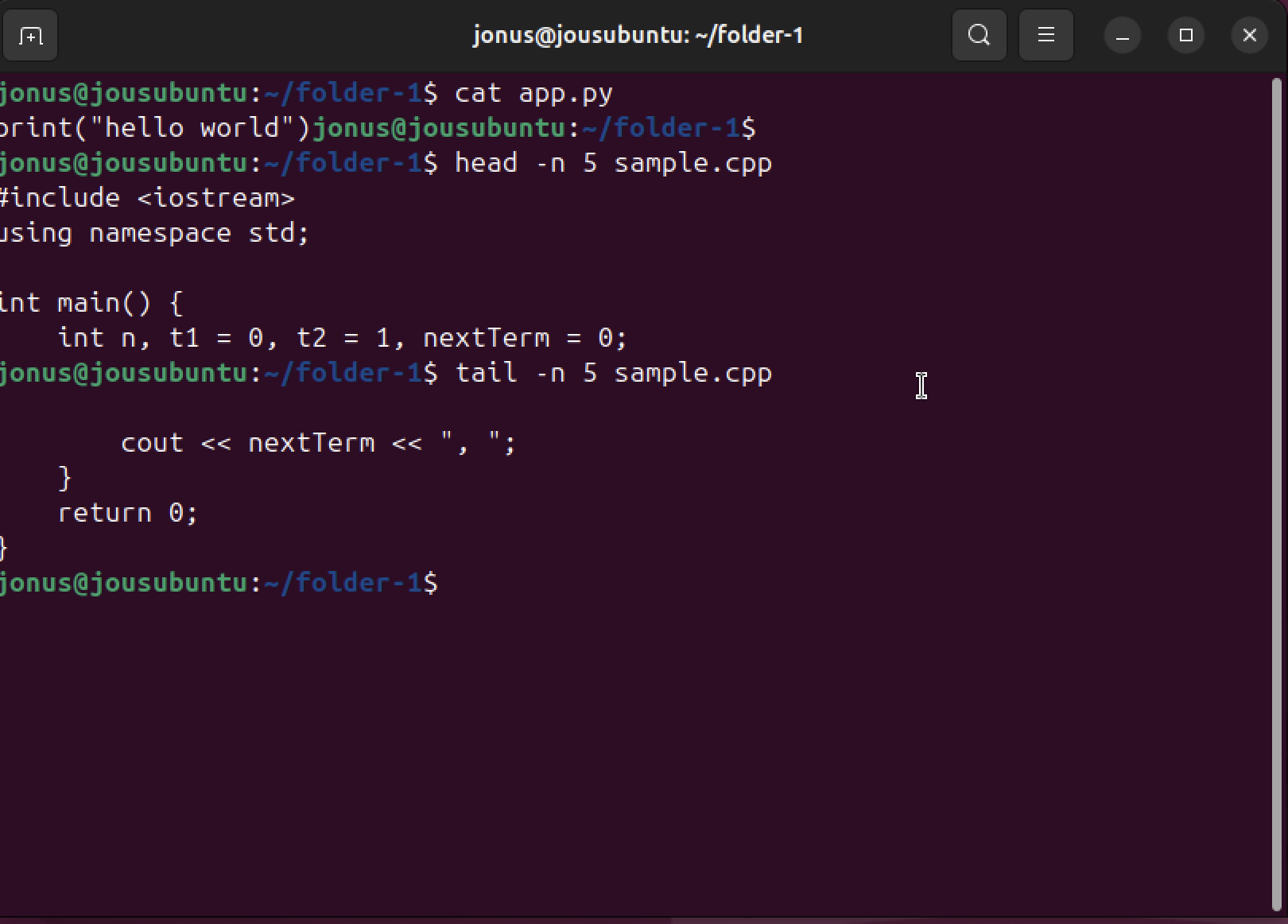


2. Viewing File Contents

Use cat to display the contents of /etc/passwd.

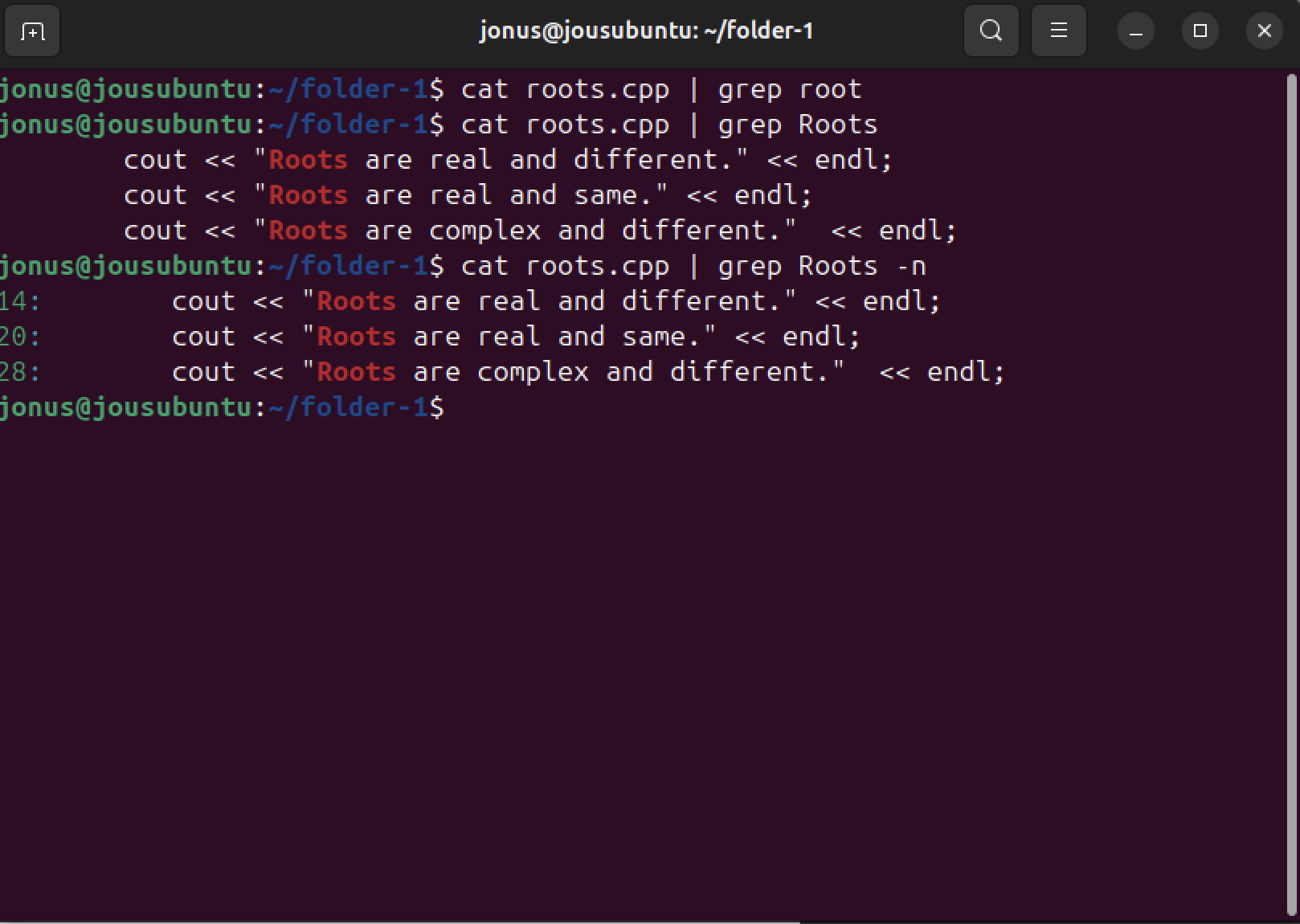
Display only the first 5 lines of /etc/passwd using head.

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



3.Searching for Patterns

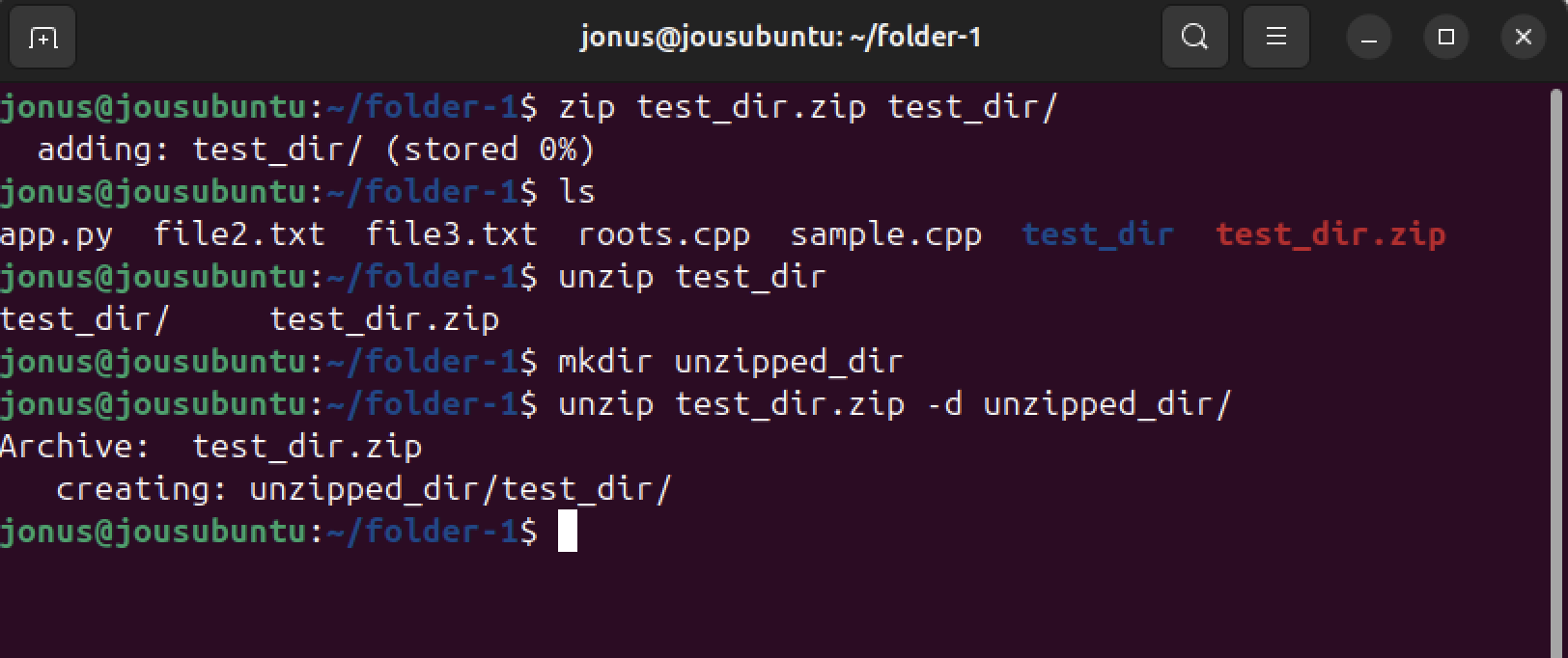
Use grep to find all lines containing the word "root" in /etc/passwd.

Note: since “root” was not there in the content, used “Roots” as well

4. Zipping and Unzipping

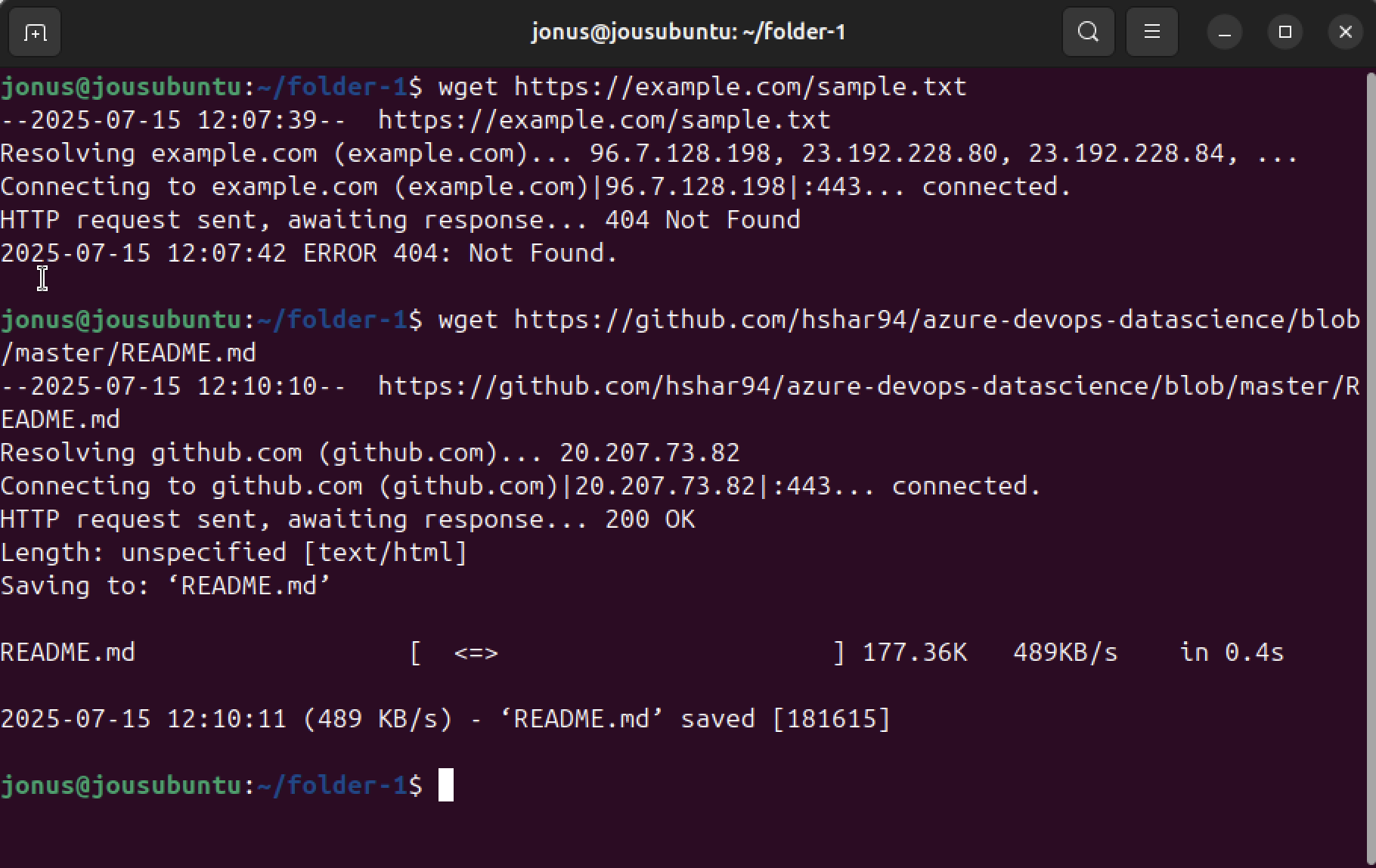
Compress the test\_dir directory into a file named test\_dir.zip using zip.

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



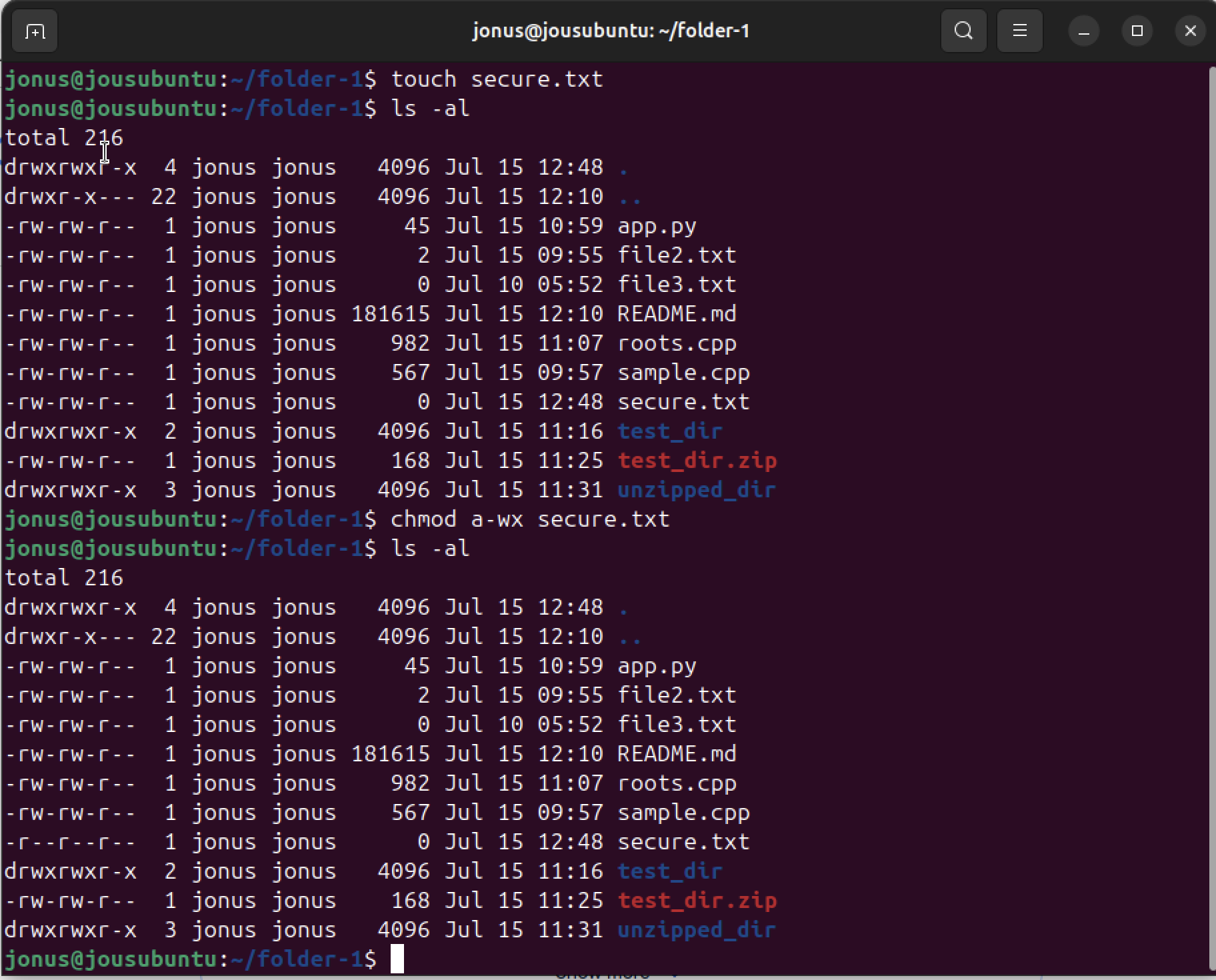
5. Downloading Files

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



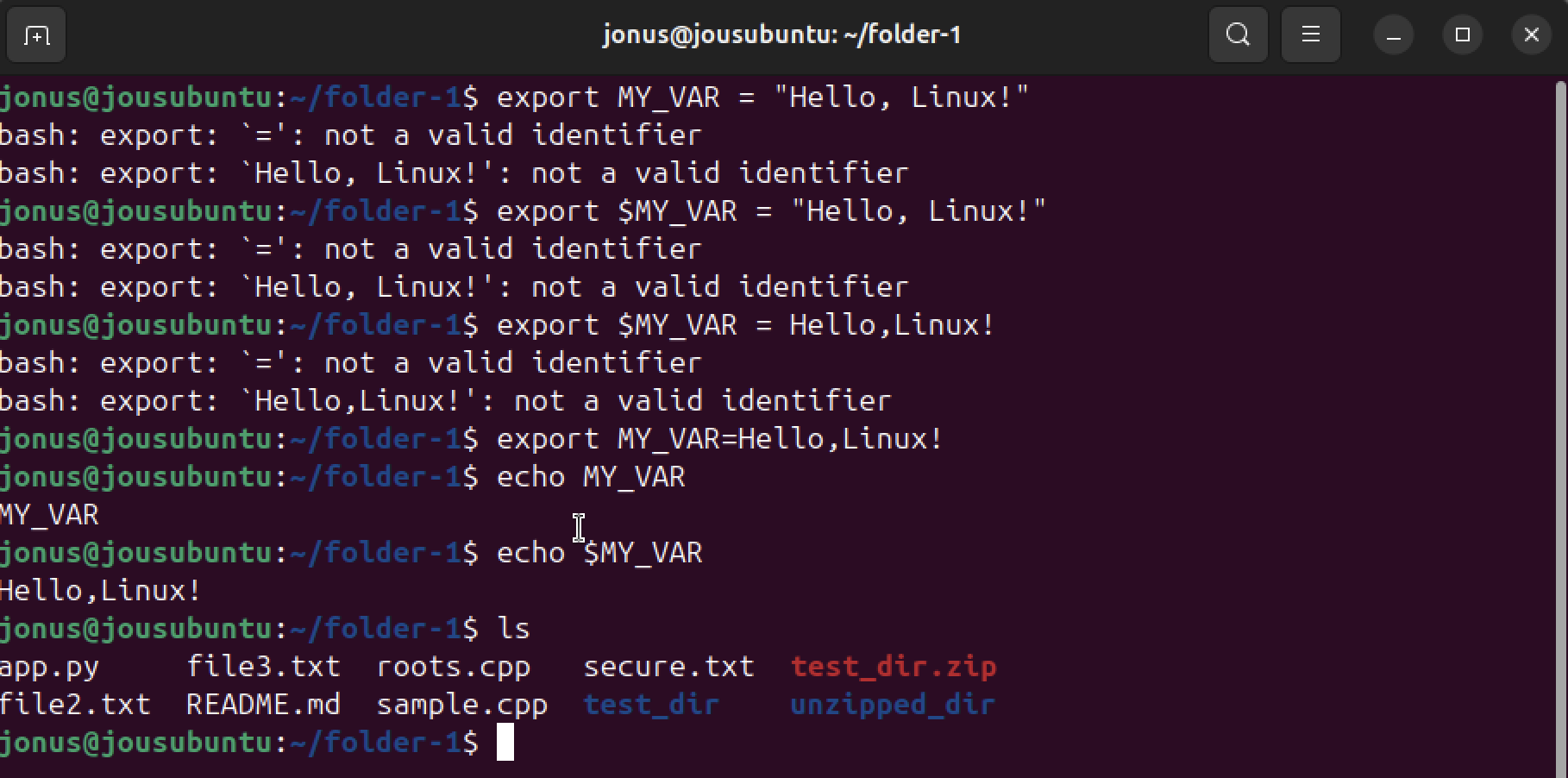
6. Changing Permissions

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!".



**Submission Guidelines -:** Attach Screenshots or command along with explanation and submit in doc(google doc or microsoft doc) format also attach github repo link

Git repo link:

<https://github.com/sunojkm/Linux-Basics-assignment>