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DAY 03 | PART 3

Linux Basics: Files and Navigation Commands

Create, read, copy, move and delete files - and move around the folder tree.

cat ls cd cp mv rm

WHAT YOU WILL LEARN

Linux Basics: Files and Navigation Commands

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1. Create a file with text and read it back
2. List files and folders
3. Change folders with cd
4. Copy, move and delete files
5. Use history to repeat commands

REFERENCE

File commands

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I WANT TO...	COMMAND	NOTES
Create a file with text	cat > file_name	Type the text, Enter, then Ctrl + D to save
List files	ls	Shows files and folders here
Clear the screen	clear	Only cleans the view
Read a file	cat file_name	Prints the content
Delete a file	rm file_name	No recycle bin - gone forever
Copy a file	cp source destination	Makes a second copy
Who am I?	whoami	Shows the current user

TRY IT

Walk through the commands

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Type each command, press Enter, and watch the output.

```
$ cat > file_name
$ ls
$ cat file_name
$ rm file_name
$ touch f1
$ history
$ cd /
$ cp f1 /tmp
$ cd /tmp
$ mv f2 /home/ec2-user
```

touch

Creates an empty file or updates its time.

history

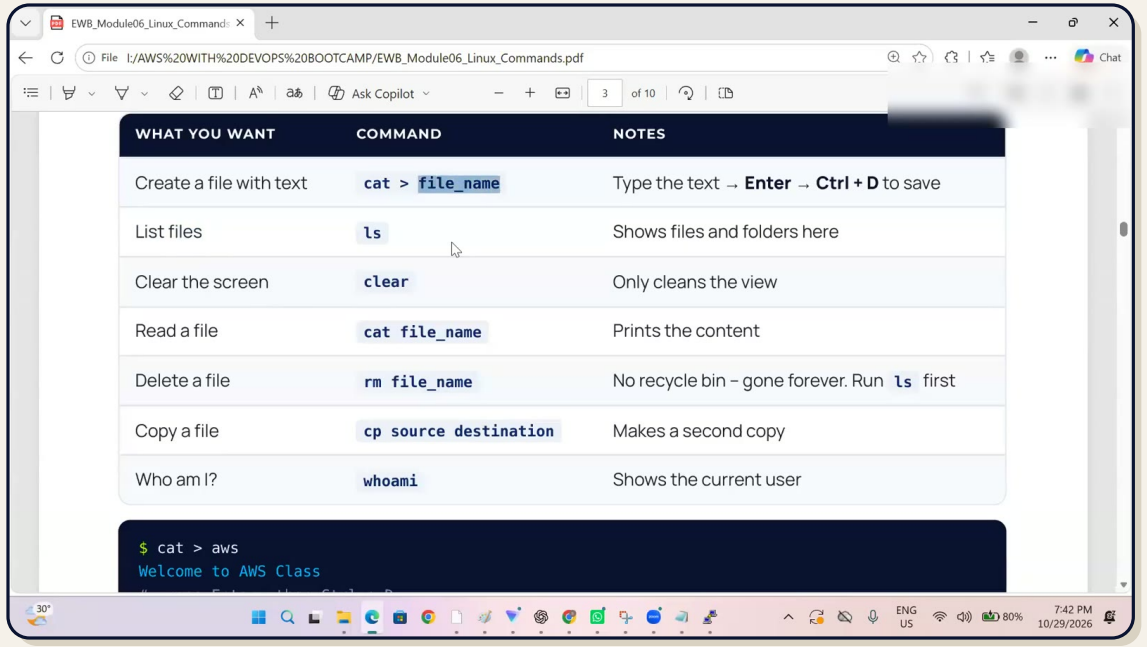
Lists the commands you typed. Use the Up arrow to repeat.

cd /

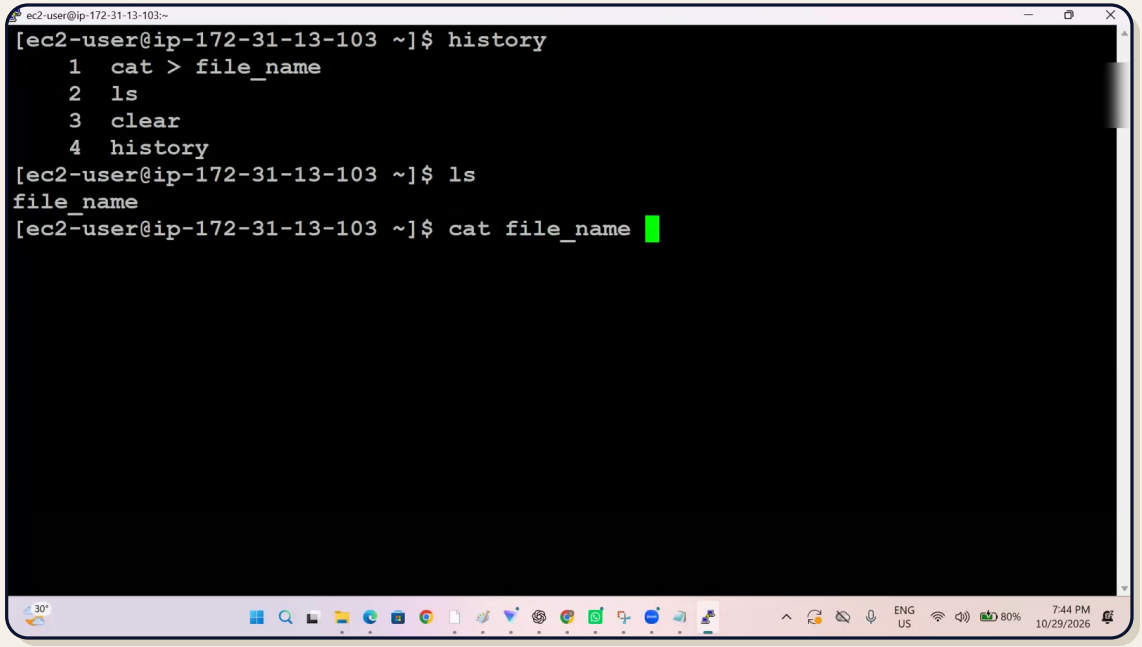
Goes to the root of the file system.

FROM THE CLASS

Commands in action



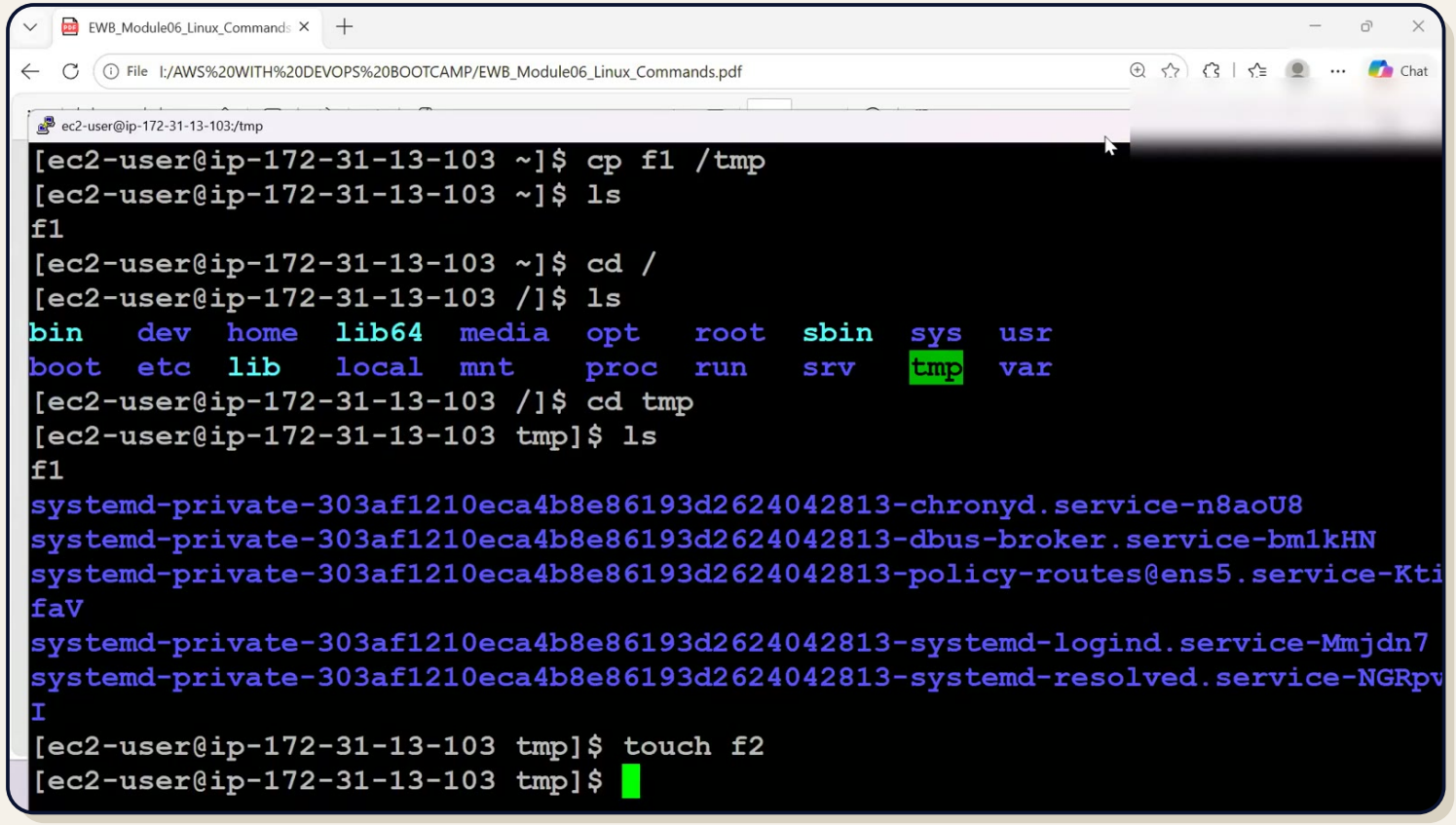
File commands table in the notes



history showing the commands we typed

FROM THE CLASS

Reading the output



A moment from the recording for this part.

Blue = folders

Colours help: blue names are folders, plain names are files.

Nothing printed = success

Linux stays quiet when a command works.

QUICK RECAP

What to remember

- cat > file creates a file; cat file reads it
- ls lists, cd moves, pwd shows where you are
- cp copies, mv moves or renames, rm deletes
- history + Up arrow repeat commands

PRACTICE

Practice questions

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Q1 Which command lists files?

A. cat
B. ls
C. rm
D. cd

Q2 How do you save text when using cat > file?

A. Ctrl + S
B. Ctrl + D
C. Esc
D. Alt + F4

Q3 Which command copies a file?

A. mv
B. cp
C. rm
D. touch

Q4 Which command deletes a file?

A. delete
B. rm
C. del
D. remove

Practice questions - answers

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Q1 Which command lists files?

Answer: B. ls

ls.

Q2 How do you save text when using cat > file?

Answer: B. Ctrl + D

Ctrl + D ends the input.

Q3 Which command copies a file?

Answer: B. cp

cp source destination.

Q4 Which command deletes a file?

Answer: B. rm

rm.