

SECTION A: Navigation and Identification (pwd, cd)

1. **Identify Location:** What command would you use to confirm and display the full path of the folder you are currently working in?

Bash

Your Command:

2. **Move to Root:** Write the command to immediately change your working directory to the **Root directory** (/).

Bash

Your Command:

3. **Move to Home:** Write the command to return to your **home folder** from any other location on the system.

Bash

Your Command:

4. **Move to Configurations:** Write the command to navigate to the directory that holds all system-wide **settings and configurations**.

Bash

Your Command:

5. **Move to Executables:** Write the command to change into the directory that contains the **executable files** for system commands.

Bash

Your Command:

6. **Move to Device Files:** Write the command to navigate to the directory where all attached hardware devices are represented as separate files.

Bash

Your Command:

SECTION B: File/Directory Creation and Management (mkdir, touch, ls)

7. **Create a Directory:** Write the command to create a new folder named test_area inside your current working directory.

Bash

Your Command:

8. **Create a File:** Inside the newly created test_area directory, write the command to create a new, empty file named temp_log.txt.

Bash

Your Command:

9. **List Contents:** After creating the file in question 8, write the command to **list** all the files and folders present in test_area.

Bash

Your Command:

10. **List Detailed Contents:** Write the command to list the contents of the current directory using the **long list flag**.

Bash

Your Command:

11. **Nested Creation:** Write a single command to create the directory structure projects/2025/q4 from your home folder, assuming none of the directories (projects, 2025, q4) currently exist.

Bash

Your Command:

12. **Temporary File Placement:** Write the absolute path to where temporary files and folders are typically stored on the system.

Bash

Your Path:

13. **USB Drive Location:** Write the command to navigate to the standard directory where mounted USB drives (media) are typically found as files/folders.

Bash

Your Command:

SECTION C: System Structure and Information (man, --help)

- 14.**Process Information:** You want to examine detailed information about all of the currently running processes. Write the full absolute path to the virtual directory containing this data.

Bash

Your Path:

- 15.**System Logs:** Write the full absolute path to the directory that holds constantly changing (variable) data like system logs.

Bash

Your Path:

- 16.**Command Manual:** Write the command you would use to access the **manual page** for the ls command.

Bash

Your Command:

- 17.**Command Options:** Write the command line usage (including the command itself) you would use to display all available options for the cd command in a short format.

Bash

Your Command:

- 18.**Root User Home:** Write the absolute path to the home folder for the **root user**.

Bash

Your Path: