Linux Command Practice Guide

Practice common Linux commands with these questions. Try solving them on your own before checking the answer!

1. How do you list all files and directories in the current directory?

Answer: ls

2. How do you change to the /home directory?

Answer: cd /home

3. Which command shows the current directory you are in?

Answer: pwd

4. How do you create a new directory named 'projects'?

Answer: mkdir projects

5. What command is used to create an empty file named 'test.txt'?

Answer: touch test.txt

6. How do you view the contents of 'notes.txt'?

Answer: cat notes.txt

7. How do you copy a file 'file1.txt' to 'file2.txt'?

Answer: cp file1.txt file2.txt

8. How do you move or rename a file 'file.txt' to 'archive.txt'?

Answer: mv file.txt archive.txt

9. How do you delete a file named 'old.txt'?

Answer: rm old.txt

10. What command shows a list of currently running processes?

Answer: ps

11. How do you check the disk space usage in a human-readable format?

Answer: df -h

12. How do you check memory usage?

Answer: free -h

13. Which command pings the host google.com?

Answer: ping google.com

14. How do you update the list of available packages in Ubuntu?

Answer: sudo apt update

15. How do you search for the word 'error' in a file called 'log.txt'?

Answer: grep 'error' log.txt