Linux Command Quiz

Instructions

Answer the following questions to test your knowledge of Linux commands.

Beginner Level

1. Which command would you use to list all files and directories in the current directory?

2. How would you create a new directory called `projects`?

3. What command creates an empty file named `notes.txt`?

4. Which command would display the contents of a file called `readme.txt`?

5. How do you delete a file named `temp.txt`?

6. If you want to copy a file named `data.csv` to a directory called `backup`, what command would you use?

7. What command would you use to move up one directory level from your current location?

8. How do you clear all the text from the terminal screen?

Intermediate Level

1. Which command helps you find a file named `document.txt` starting from the current directory?

2. How would you move a file named `report.doc` from the current directory to a directory called `docs`?

3. What command would you use to search for the word "error" in a file named `log.txt`?

4. Which command would tell you how many lines are in a file called `script.sh`?

5. How can you check the permissions of all files in the current directory?

6. What command would you use to see a list of currently running processes?

7. How do you compare two files, `file1.txt` and `file2.txt`, to see their differences?

8. Which command gives a summary of the disk usage for the current directory and its subdirectories?

Advanced Level

1. What command would you use to list all files in the current directory and then display the number of lines in each file?

2. How would you create a compressed archive called `backup.tar.gz` from a directory named `data`?

3. How would you change the permissions of a file named `script.sh` to make it executable by the owner only?

4. Which command would you use to schedule a task to run every day at 6 AM?

5. What command would you use to check if a server with IP `192.168.1.1` is reachable?

6. How would you temporarily set an environment variable `MY_VAR` to `HelloWorld`?

7. What command would you use to kill a process with PID `1234`?

8. How can you find all files larger than 100MB in the current directory and its subdirectories?

Bonus Question

1. How do you create a new user named `newuser` with a home directory and add them to the group `sudo`?