1. Create a new file named filel.txt using the touch command.

~$ touch file1.txt

2. Create a new directory named mydir.

~$ mkdir mydir

3. Create a file named output.txt containing the text "Hello, World!"

~$ echo Hello World > output.txt

4. Append "Appending a new line." to output.txt.

~$ echo Appending a new line >> output.txt

5. Display the contents of output.txt.

~$ cat output.txt

Hello World

Appending a new line

6. Print the current working directory.

~$ pwd

/home/user

7. Create file2.txt with some text, then combine output.txt and file2.txt into combined.txt.

~$ echo Some Text > file2.txt

~$ cat output.txt file2.txt > combined.txt

8. View combined.txt using the less command.

~$ less combined.txt

Hello World

Appending a new line

Some Text

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(END)

9. Append the contents of file2.txt to output.txt.

~$ cat file2.txt >> output.txt

10. Display combined.txt with line numbers.

~$ cat -n combined.txt

1 Hello World

2 Appending a new line

3 Some Text

11. Create a hidden file named hiddenfile.

~$ touch .hiddenfile

12. Sort the contents of output.txt

~$ cat output.txt | sort

Appending a new line

Hello World

Some Text

13. Copy filel.txt to filel\_backup.txt.

~$ cp file1.txt file1\_backup.txt

14. Copy output.txt and file2.txt to the mydir directory.

~$ cp output.txt file2.txt mydir/

15. Move file2.txt to mydir.

~$ mv file2.txt mydir

16. Delete filel\_backup.txt.

~$ rm file1\_backup.txt

17. Remove the empty directory EmptyDirectory.

~$ mkdir EmptyDirectory

~$ rm -d EmptyDirectory

18. Remove a directory and all its contents named testdir.

~$ rm -r testdir

19. Delete output.txt and file1.txt.

~$ rm output.txt file1.txt

20. Create nested directories and then remove them recursively.

~$ mkdir -p parent/child/grandchildren

~$ rm -r parent