Linux-Terminal-06-Nov-Lab

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 "Apending a new Line" >> output.txt**

5. Display the contents of output.txt.

    $ **cat output.txt**

    Hello World

    Apending a new Line

6. Print the current working directory.

    $ **pwd**

    /home/user/Task

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

    $ **echo Some new text > file2.txt**

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

8. View combined.txt using the less command.

    $ **cat combined.txt**

    Hello World

    Apending a new Line

    Some new text

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   Apending a new Line

3   Some new text
```

11. Create a hidden file named hiddenfile.

```
$ touch .hiddenfile
```

12. Sort the contents of output.txt

```
$ cat output.txt | sort

Apending a new Line

Hello World

Some new text
```

13. Copy file1.txt to file1_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 file1_backup.txt.

```
$ rm file1_backup.txt
```

17. Remove the empty directory 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 a/b/c
```