

Operating System (Linux)

1. Create a new file named file1.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!" using redirection.

```
~$ 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 "Jani nah" > file2.txt
```

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

8. View example.txt using the less command.

```
~$ cat combined.txt | less
```

```
[1]+ Stopped          cat combined.txt | less
```

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

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

10. Display jtp.txt with line numbers.

```
~$ cat -n combined.txt
```

```
1 Hello, World!  
2 Appending a new line  
3 Jani nah
```

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!
```

```
Jani nah
```

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 mydir.

```
~$ rm -d empMydir
```

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

```
~$ rm -r mydir
```

19. Delete output.txt and file2.txt.

```
~$ rm output.txt file1.txt
```

20. Create nested directories and then remove them recursively

```
~$ mkdir -p a/b/c
```