1. **Create a directory structure d1/d2/d3/d4 under current directory.**
2. **Create a directory named TYBCASEM% having initial permissions to owner, group and other is read and execute.**
3. **Copy file1 to file2 without any warning.**
4. **Display name of files that begins with dot (.).**
5. **Copy all files that do not end with digit to directory d1 present under the parent directory.**
6. **Copy only those files to directory dir1 which begins with character ‘f’.**
7. **Copy files of the current directory to directory d1 in which filename contains digit anywhere in the file name.**
8. **Preserve modification data-time and permission of duplicate file f2 created from file f1.**
9. **Copy 5-character filenames of current directory to directory d1 present under the working directory.**
10. **Copy 5-characters filenames that start with alphabet and ends with digit to directory d1 present under the parent directory.**
11. **Remove all files of the current directory whose name begin with ! (exclamation mark)**
12. **Create a directory with permission read and write for owner, write and execute for group and read and execute for other user.**
13. **Move 5-character filenames under the current directory to directory d1 present in the parent directory.**
14. **Move at least 5-character filenames under the current directory to directory d1 present in the current directory.**
15. **Switch to home directory without using absolute path of home directory.**
16. **Remove all files of current directory having 5-characters filename in which first character must be alphabet and last character must be digit.**
17. **Remove all files of current directory which do not contain first character as alphabet.**
18. **Remove all files of the current directory whose first character must be asterisk (\*).**
19. **Rename f1 to f2 and move it to directory dir1 of the current directory.**
20. **Remove all file from directory d1 present under the current directory.**
21. **Switch to directory 2-level up.**
22. **Rename a file1 to file2.**
23. **Display attributes of directory d1 present under the current directory.**
24. **Display all hidden files of working directory without using ‘ls’ command.**

**Write a vi editor command for the following:**

1. **Writes 5th line to file file1.**
2. **Writes 10 to 20 lines to file file1.**
3. **Writes current line till end of current file to file file1.**
4. **Writes entire current file into file file1.**
5. **Replace word ‘unix’ with ‘UNIX’ in current file f1.**
6. **Deletes 4 lines from current lines.**
7. **Writes a last line mode command for the following:**

**G, 1G, 40G**

1. **Create a duplicate file of open file f1 to f2.**
2. **Append content of open file f1 into existing file f2.**

**Filtering Commands**

1. **Count number of files in a working directory.**
2. **Count number of words in 1st line of file f1.**
3. **Count length of last line of file f1.**
4. **Count number of users logged on to the Unix system.**
5. **Display name of last modified file of current directory.**
6. **Count number of files of parent directory which begins with alphabet.**
7. **Display last lines of file f1.**
8. **Display lines 15 to 30 of file f1.**
9. **Display 1st 10-characters of 5th line of file f1.**
10. **Display last 10-characters of last line of file f1.**
11. **Display first 10-characters of first line of file f1.**
12. **Display name of largest file present in current directory.**
13. **Takes only 5-lines from the standard input device.**
14. **Display all lines of file f1. (Do not use cat command)**
15. **Display first line of file f1. (Do not use head and tail)**
16. **Display count of duplicate lines of file f1.**
17. **Display all authorized users of Unix OS whose 1st two characters are same.**
18. **Display list of files of current directory with their size.**
19. **Display 5-largest files of current directory.**
20. **Extract those lines that are duplicated at 5th word (field).**
21. **Extract those lines that are duplicated at 5th character.**
22. **Numbering each lines with leading zero and sets its header and footer.**
23. **Numbering only blank lines present in file f1.**
24. **Count number of vowels in file file1.**
25. **Remove all special characters from file f1.**
26. **Display all users who are not currently logged in to Unix system.**
27. **Count number of words in file f1. (Do not use –w option of wc)**
28. **Count number of lines in file f1. (Do not use –l option of wc)**
29. **Display occurrences/count of each word in a file f1.**
30. **Display only unique words of file f1.**
31. **Display all words of file f1 in which 1st two characters are different.**
32. **Display only repeated words of file f1.**
33. **Display 5-characters file names of current directory whose 1st two characters are unique.**
34. **Write a command to copy a file and display content of copied file.**
35. **Count number of differ characters in file f1 and f2.**

**Frame Commands:**

1. **Search files which begin with character f,t or s from current directory downwards and print it.**
2. **Search directories d1 from home directory downwards and print it.**
3. **Search in current directory downwards all files whose modification time change before 7 days ago.**
4. **Search all directories from /usr/home downwards for files whose inode number is 1234 and print them.**
5. **Search in home directory downwards all files which have exactly 2 links.**
6. **Search in current directory downwards all files which have permission 644.**
7. **Search in current directory downwards all files whose size is greater than 10 bytes.**
8. **Display content of IFS variable.**
9. **Display all empty files of Unix system.**
10. **To change the modification and access time of file f1 to current time.**
11. **To create an empty file f2.**
12. **To change the modification and access time of file f2 to current time. Do not create an empty file if f2 does not exist.**