

Do the following with help of 'mkdir', 'cd', 'touch', 'ls', 'rmdir', 'clear', 'echo' and 'rm' commands :

1. Create a directory named 'assignment1\_practice'.
2. Go inside directory named 'assignment1\_practice'.
3. Find the absolute path of the current working directory.
3. Create empty file named 'test.txt'.
4. Create empty file named '.hidden'
5. List files and folders (not hidden files) in current directory.
6. List files and folders (not hidden files) in current directory in long listing format.
7. List all files and folders (including hidden files) in current directory.
8. Create directories '1', '2', '3' with single command where directory '3' is inside directory '2' and directory '2' is inside directory '1'.
9. Create directories 'b', 'c' with single command where both directory 'b' and 'c' are inside directory 'assignment1 practice'.
10. Delete directories '1', '2', '3' with one single command. Do not delete directories 'a' or 'b'.
11. Delete directories 'a' and 'b' with one single command.
12. Delete file named '.hidden'.
13. Delete file named 'test.txt'.
13. Clear screen
14. Print 'Hello World' on screen.

Do the following with help of 'gedit', 'tree', 'mv', 'cp', 'cat', 'more', 'less', 'head', 'tail' and 'wc' commands:

1. Create and go inside directory named 'a'
2. Create files 'b' and 'c' with few paragraphs of text in both of them.
3. Create directories '1', '2', '3' with single command where directory '3' is inside directory '2' and directory '2' is inside directory '1'.
4. Display list of all folders, sub-folders and files inside them for folder 'a' in tree format.
5. Move file 'b' to directory '2'.
6. Move file 'c' to directory '3'.
7. Display list of all folders, sub-folders and files inside them for folder 'a' in tree format.
8. Move directory '3' so that it is directly inside directory 'a'.
9. Display list of all folders, sub-folders and files inside them for folder 'a' in tree format.
10. See contents of file 'c' such that all contents all displayed on screen without any break and we get prompt back immediately.
11. Display contents of file 'b' such that we see only pagefull information at a time.
12. Display contents of file 'c' such that we can move back and forward to see the contents in convinient manner.
13. Display last ten lines of file 'c'.
14. Display last twenty lines of file 'c'.
15. Display first ten lines of file 'b'.
16. Display first fifteen lines of file 'b'
17. Find number of lines, words and characters in both files 'b' and 'c'.
18. Copy files 'b' and 'c' to each directory inside directory 'a' where they already do not exist.
19. Display list of all folders, sub-folders and files inside them for folder 'a' in tree format.

Do the following with the help of 'du', apropos, man, w, who, whoami, free, script, uname, ifconfig, route, and previously used commands.

1. Create a Directory named 'c'.
2. Go inside the directory named 'c'.
3. Create a file named 1 in the current directory.
4. Find out size occupied by file '1'.
5. Read man page for 'nc' command.
6. Read man page for C function 'open'.
7. Read all the man pages for 'open' in sequence.
8. Find out all man pages that have the exact word 'qemu' in short description or keyword.
9. Find out the name of current user logged in.
10. Find out names of all the users logged in system.
11. Find out names of all users logged into system and also find out what they are doing.
12. Find out amount of RAM installed on machine.
13. Find the details of the system that you are using.
14. Find the IP address of the system.
15. Find the routing table stored in your machine.
16. Refer to man pages to display the partition information in human readable format and also display the total size of the partitions.