

Intro to Linux

1. What is Linux and who developed it ?
2. Which one of the following is correct
 - a. Hardware → Operating system → application → users
 - b. Operating system → application → Hardware → users
 - c. Hardware → Operating system → users → application
 - d. Hardware → users
3. State 3 differences between Linux and windows.
4. Why are there so many distro's in linux ?

Working with files and directories (Write syntax for the commands)

5. Which cmd is used to create a new directory ?
6. Write the cmd to create a new directory – dir1/dir2/dir3
7. What cmd will you use to list the contents of
 - a. Directory
 - b. Files
8. Navigate to /root directory from your home dir. Which cmd will you use ?
9. Which command(s) removes a directory only if it is empty?
10. To move a file named file.txt to a directory named backup, which command would you use?
11. What does the following command do ?
 - a. ls -la
 - b. ls -ltr
 - c. ls -li
12. what are the properties of files or dirs listed using ls -l cmd ?
13. cmd to list last 10 lines of a example.txt file.
14. Cmd to remove
 - a. Non-empty directory
 - b. File1 file2 file3
15. Create empty files – cde1xyz cde2xyz ... cde9xyz
16. How do you rename a file example.txt to sample.txt
17. You accidentally deleted a file named data.txt. What command can you use to ensure you are warned before you delete files in the future?
18. How do you change the current shell session to the root user ?
19. Move Dir2 to /root/tmp dir as Dir5.
20. What is difference between find and locate ?
21. How do you find file.txt in your current ?
22. Find all .log files under "/" directory .
23. Find all files newer than sample.txt under /tmp dir.
24. You create a new file Experiment but you are not able to locate that file. what will you do ?
25. How do you change the password of user Adrian ?