



Assignment on Linux Commands

1. What is the command used to sort a file?
2. How will you find which operating system your system is running on in UNIX?
3. Which character you will append to a command to run the process in background?
4. How do you see command line history in UNIX?
5. How do you find which process is taking how much CPU?
6. How do you check how much space left in current drive ?
7. Which command is used to count the number of characters in a file?
8. Which command is used to determine the size of a directory in Unix?
9. Which switch is used for displaying the result of a command in human readable format?
10. Which command is used to list all the running processes?
11. Which command is used to show real time view of the running processes?
12. Which of the commands is used to compress a file?
13. Which command is used to delete a empty directory, hierarchy directory, directory which contains some files?
14. Which command is used to create a directory, hierarchy of directory?
15. Which command is used to know IP address of your system?
16. Which command will not accept file name as input?
17. Which command is used to rename a file?
18. The purpose of the command “**type**” ?
19. Write command with related option to know the Kernel file ?
20. Which file contains the root password ?

Consider the following **emp.lst** file which consists of the fields

```
21.2233|a.k. shukla|g.m.|sales|12/12/52|6000
9876|jai sharma|director|production|03/12/50|7000
5678|sumit chakrobarty|d.g.m.|marketing|04/19/43|6000
2365|barun sengupta|director|personnel|05/11/47|7800
5423|n.k. gupta|chairman|admin|08/30/56|5400
1006|chanchal sanghvi|director|sales|09/03/38|6700
6213|karuna ganguly|g.m.|accounts|06/05/62|6300
1265|s.n. dasgupta|manager|sales|09/12/63|5600
4290|jayant Chodhury|executive|production|09/07/50|6000
2476|anil aggarwal|manager|sales|05/01/59|5000
6521|lalit chowdury|director|marketing|09/26/45|8200
3212|shyam saksena|d.g.m.|accounts|12/12/55|6000
3564|sudhir Agarwal|executive|personnel|07/06/47|8000
2345|j.b. saxena|g.m.|marketing|03/12/45|8000
0110|v.k. agrawal |g.m.|marketing|12/31/40|9000
```

Answer the following questions.

1. Write a command to display the fields: Name, Department, Salary
2. What is the output of **cut -d \| -f 2,3 emp.lst**
3. What is the output of **sort -t “|” -k 2 emp.lst**
4. Write a command to sort text based on fifth field (DOB)