

ASSIGNMENT ON LINUX COMMANDS

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CLASS:- CSE-C2

1)What is the command used to sort a file ? ans:-SORT command is used to sort a file arranging the records in a particular order.

2)How will you find which operating system your system is running on unix?

ans:-Opening terminal and then typing the command "uname -a" will display the operating system our system is running in linux.

3)which character you will append to a command to run the process in background?

ans:-By appending an ampersand character (&) to the end of the commands.

4)How do you see command line history in unix?

ans:-By typing History command

5)How do you find which process is taking how much cpu?

ans: -The vmstat command will display the information about system processes memory swap I/O and CPU performance. It will display the average details since the last reboot.

6)How do you check how much space is left in current drive?

ans:-df

7)Which command is used to count the number of characters in a file?

ans:-wc -m command

8)Which command is used to determine the size of a directory in unix?

ans:-du command

9) Which switch is used for displaying the result of a command in human readable format?

ans: -h command

10) Which command is used to list all the running processes?

ans: -top command

11) Which command is used to show real time view of the running processes?

ans: -ps command

12) Which of the commands is used to compress a file?

ans: -zip gzip bzip2 etc.

13) Which command is used to delete an empty directory hierarchy of a directory?

ans: -rm -r <directory name>

14) Which command is used to create a directory hierarchy of a directory?

ans: -mkdir

15) Which command is used to know IP address of your system?

ans: -ipconfig /all

16) Which command will not accept file name as input?

ans: -mailx

17) Which command is used to rename a file?

ans: -mv <old file> <new file>

18) The purpose of the command "type"?

ans: - "The standard output of the type command contains information about the specified command and identifies whether this is a shell built-in command, a subshell, or a keyword. The type command indicates how the specified command would be interpreted if used."

19) Write command with related option to know the kernel file?

ans:-`uname -r`

20) Which file contains the root password?

ans:-`/etc/passwd` file

21)

i. Write a command to display the fields: Name Department Salary?

ans:-`awk '{print $2,$4,$6}' emp.1s`

ii. What is the output of `cut -d\| -f 2,3 emp.1s`

ans:-
`a.k.shukia|g.m`

`jai sharma|director`

`sumit chakrobarty|d.g.m`

`barun sengupta|director`

`n.k. gupta|chairman`

`chanchai sanghvi|director`

`karuna ganguiy|g.m`

`s.n. dasgopui|manager`

`jayant Choudary|executive`

`anii aggarwai|manager`

`iajit chowdury|director`

`shyam saksena|d.g.m`

`sudhir agarwai|executive`

`j.b. saxena|g.m.`

`v.k. agarwai|g.m.`

iii. What is the output of `sort -t"|" -k 2 emp.1s`

ans:-`pipe dquote>`

iv. Write a command to sort text based on fifth field (DOB)

ans:-`sort -k 5 emp.1s`