

ASSIGNMENT ON LINUX COMMANDS

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Class:CSE(C5)

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:-df -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,xz.

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

Ans:-rm -r <directory name>

14)Which command is used to create a directory,hierarchy of 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:-malix

17)Which command is used to rename a file?

Ans:-mv<oldfile><newfile>

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,subroutine,alias,or 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.1st`

Ans: a.k.shukla | g.m jai sharma | director sumit chakrobarty | d.g.m barun sengupta | director

n.k. gupta | chairman chanchal

sanghvi | director karuna

ganguly | g.m

s.n. dasgopul | manager jayant

Choudary | executive anil

aggarwal | manager lalit

chowdury | director shyam

saksena | d.g.m sudhir

agarwal | executive

j.b. saxena | g.m.

v.k. agarwal | g.m.

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

Ans: `-pipe dquote>`

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

Ans: `sort -k 6 emp.1st`