

ASSIGNMENT ON LINUX COMMANDS

Dharpally Srinivas

October 2, 2022

NAME: Dharpally Srinivas

ID:- B191328

CLASS:-CSE C2 022

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 command9)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 coomand

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,hiearchy 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|| -f2,3emp.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`