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:-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\| -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 ouput 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