

ASSIGNMENT ON LINUX COMMANDS

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October 4, 2022

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CLASS:-CSE C1 021

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|| -f2,3 emp.1st`

ans : -a.k.shukla|g.m

jaisharma|director

sumitchakrobarty|d.g.mbarunsengupta|director

n.k.gupta|chairman

chanchalsanghvi|director

karunaganguly|g.m

s.n.dasgopul|manager

jayantChoudary|executive

anilagarwal|manager

lalitchowdury|director

shyamsaksena|d.g.m

sudhiragarwal|executive

j.b.saxena|g.m.

v.k.agarwal|g.m.

iii. What is the output of `sort -t'|' -k2 emp.1st`

ans : -pipedquote >

iv. Write a command to sort text based on fifth field (DOB)
ans : -sort -k6emp.1st