**Basic commands**

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1. To display the current working directory, the command is:

pwd

The output is as follows.

/home/trg1

Soln: [root@hostname01 ~]# pwd

/root

2. Display the path to and name of your HOME directory.

Soln: [root@hostname01 ~]# echo $HOME

/root

3. Display the login name using which you have logged into the system

4. Display the hidden files of your current directory.

Soln: [root@hostname01 ~]# ls -a

. .bash\_logout .config Downloads Public Videos

.. .bash\_profile .cshrc .local .ssh .viminfo

anaconda-ks.cfg .bashrc Desktop Music .tcshrc .xauth48QFcr

.bash\_history .cache Documents Pictures Templates

5. List the names of all the files in your home directory.

Soln: [root@hostname01 ~]# ls

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6. Using the long listing format to display the files in your directory.

Soln: [root@hostname01 ~]# ls -l

total 4

-rw-------. 1 root root 828 Aug 25 2022 anaconda-ks.cfg

drwxr-xr-x. 2 root root 6 Aug 25 2022 Desktop

drwxr-xr-x. 2 root root 6 Aug 25 2022 Documents

drwxr-xr-x. 2 root root 6 Aug 25 2022 Downloads

drwxr-xr-x. 2 root root 6 Aug 25 2022 Music

drwxr-xr-x. 2 root root 6 Aug 25 2022 Pictures

drwxr-xr-x. 2 root root 6 Aug 25 2022 Public

drwxr-xr-x. 2 root root 6 Aug 25 2022 Templates

drwxr-xr-x. 2 root root 6 Aug 25 2022 Videos

7. List the files beginning with chap followed by any number or any lower case

alphabet. (Example , it should display all files whose names are like chap1, chap2,

chap3 ……., chapa,ahapb,chapc,……..)

Sol: [root@hostname01 ~]# ls chap[0-9a-z]\*

ls: cannot access 'chap[0-9a-z]\*': No such file or directory

[root@hostname01 ~]# ls chap?

ls: cannot access 'chap?': No such file or directory

[root@hostname01 ~]# touch chap1 chap2 chap3 chapa chapb chapz

[root@hostname01 ~]# ls chap[0-9a-z]\*

chap1 chap2 chap3 chapa chapb chapz

8. Give appropriate command to create a directory called C\_prog under your home

directory. (Note: Check the directory using ls )

Soln: [root@hostname01 ~]# mkdir c\_prog

[root@hostname01 ~]# ls $HOME

anaconda-ks.cfg chap2 chapb Desktop Music Public

chap3 chapz Documents Pictures Templates

chap1 chapa c\_prog Downloads Videos

9. Create the following directories under your home directory. (Note: Check using ls )

newdir

newdirectory

Sol: [root@hostname01 ~]# mkdir ~/newdir

[root@hostname01 ~]# mkdir ~/newdirectory

[root@hostname01 ~]# ls ~

anaconda-ks.cfg chap2 chapb Desktop Music Pictures Templates

C chap3 chapz Documents newdir prog Videos

chap1 chapa c\_prog Downloads newdirectory Public

10. List the names of all the files, including the contents of the sub directories under

your home directory.

Soln: [root@hostname01 ~]# ls -R

.:

anaconda-ks.cfg chap2 chapb Desktop Music Pictures Templates

C chap3 chapz Documents newdir prog Videos

chap1 chapa c\_prog Downloads newdirectory Public

./C:

./c\_prog:

./Desktop:

./Documents:

./Downloads:

./Music:

./newdir:

./newdirectory:

./Pictures:

./prog:

./Public:

./Templates:

./Videos:

11. Remove the directory called newdirectory from your working directory.

Soln: root@hostname01 ~]# rmdir newdirectory

[root@hostname01 ~]# ls

anaconda-ks.cfg chap2 chapb Desktop Music prog Videos

C chap3 chapz Documents newdir Public

chap1 chapa c\_prog Downloads Pictures Templates

12. Create a directory called temp under your home directory.

[root@hostname01 ~]# mkdir temp

[root@hostname01 ~]# ls ~

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C chap3 chapz Documents newdir Public Videos

chap1 chapa c\_prog Downloads Pictures temp

13. Remove the directory called newdir under your home directory and verify the

above with the help of the directory listing command.

14. Create another directory directorynew under the temp directory.

Soln: [root@hostname01 ~]# cd temp/

[root@hostname01 temp]# mkdir directorynew

[root@hostname01 temp]# ls

directorynew

15. Change the directory to your home directory.

Soln: [root@hostname01 temp]# cd ~

[root@hostname01 ~]#

16. From your home directory, change the directory to directorynew using relative and

absolute path.

[root@hostname01 ~]# cd temp/directorynew

[root@hostname01 directorynew]#

Abs:

[root@hostname01 ~]# cd /root/temp/directorynew

[root@hostname01 directorynew]#

17. Remove the directory called c\_prog, which is in your home directory.

Soln: root@hostname01 directorynew]# cd ~

[root@hostname01 ~]# rmdir C\_prog

rmdir: failed to remove 'C\_prog': No such file or directory

[root@hostname01 ~]# remove c\_prog

bash: remove: command not found...

[root@hostname01 ~]# rmdir c\_prog

[root@hostname01 ~]# ls ~

anaconda-ks.cfg chap2 chapb Documents newdir Public Videos

C chap3 chapz Downloads Pictures temp

chap1 chapa Desktop Music prog Templates