Q1 1

cdac\_kh@DESKTOP-TR0AJ2U:~$ pwd

/home/cdac\_kh

cdac\_kh@DESKTOP-TR0AJ2U:~$ ls

1 2 3 c1 cdac s1.txt s2.txt today.txt

cdac\_kh@DESKTOP-TR0AJ2U:~$ ls -l

total 0

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 9 16:31 1

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 9 16:31 2

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 9 16:31 3

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 9 16:27 c1

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 9 16:34 cdac

-rw-r--r-- 1 cdac\_kh cdac\_kh 10 Mar 9 17:50 s1.txt

-rw-r--r-- 1 cdac\_kh cdac\_kh 10 Mar 9 17:51 s2.txt

-rw-r--r-- 1 cdac\_kh cdac\_kh 0 Mar 10 16:05 today.txt

cdac\_kh@DESKTOP-TR0AJ2U:~$ ls -a

. .. .bash\_history .bash\_logout .bashrc .landscape .local .motd\_shown .profile .sudo\_as\_admin\_successful 1 2 3 c1 cdac pratik.txt s

Q1 2

cdac\_kh@DESKTOP-TR0AJ2U:~$ mkdir cdac-dir

cdac\_kh@DESKTOP-TR0AJ2U:~$ cd cdac

cdac\_kh@DESKTOP-TR0AJ2U:~/cdac$ cd cdac-dir

-bash: cd: cdac-dir: No such file or directory

cdac\_kh@DESKTOP-TR0AJ2U:~/cdac$ cd ..

cdac\_kh@DESKTOP-TR0AJ2U:~$ pwd

/home/cdac\_kh

cdac\_kh@DESKTOP-TR0AJ2U:~$ cd cdac-dir

cdac\_kh@DESKTOP-TR0AJ2U:~/cdac-dir$ cd ..

Q1 3

cdac\_kh@DESKTOP-TR0AJ2U:~$ mkdir root\_dir

cdac\_kh@DESKTOP-TR0AJ2U:~$ cd root\_dir

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir$ mkdir -p a1/b1 a1/b2 a2/c1 a2/c2

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir$ ls

a1 a2

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir$ tree

.

├── a1

│   ├── b1

│   └── b2

└── a2

├── c1

└── c2

6 directories, 0 files

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir$ mkdir root\_dir2

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir$ cd ..

cdac\_kh@DESKTOP-TR0AJ2U:~$ mkdir root\_dir3

cdac\_kh@DESKTOP-TR0AJ2U:~$ cd root\_dir3

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ mkdir -p a1/b1/c1 a2/b2/c2

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ tree

.

├── a1

│   └── b1

│   └── c1

└── a2

└── b2

└── c2

6 directories, 0 files

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$

Q 1 4

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ ls

a1 a2

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ mkdir cdac-dir

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ ls

a1 a2 cdac-dir

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ rmdir cdac-dir

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ ls

a1 a2

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$

Q 2

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ mkdir temp1.txt

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ ls

a1 a2 temp.txt temp1.txt temt.txt

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ cat > temp1.txt

-bash: temp1.txt: Is a directory

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ mkdir tmp1

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3$ cd tmp1

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3/tmp1$ ls

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3/tmp1$ cat > tmp12.txt

hiii

jay

rahul

sagar

cdac

kharghar

dbda

juhu

vita

banglore

pune

mumbai

chennai

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3/tmp1$ head -n10 tmp12.txt

hiii

jay

rahul

sagar

cdac

kharghar

dbda

juhu

vita

banglore

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3/tmp1$ tail -n5 tmp12.txt

vita

banglore

pune

mumbai

chennai

cdac\_kh@DESKTOP-TR0AJ2U:~/root\_dir3/tmp1$

Q2 3

root@DESKTOP-TR0AJ2U:/# cp f1.txt dbda

root@DESKTOP-TR0AJ2U:/# cd dbda

root@DESKTOP-TR0AJ2U:/dbda# ls

f1.txt

root@DESKTOP-TR0AJ2U:/dbda#

root@DESKTOP-TR0AJ2U:/dbda# cd ..

root@DESKTOP-TR0AJ2U:/# mv f1.txt fy.txt

root@DESKTOP-TR0AJ2U:/# ls

bin cdac dbda dev folder4 home jay lib lib64 media opt proc root s3.txt sbin srv tmp usr

boot cdac1 deepak etc fy.txt init jay2 lib32 libx32 mnt pratik.txt ram run s4.txt snap sys today.txt var

root@DESKTOP-TR0AJ2U:/#

Q2 4

root@DESKTOP-TR0AJ2U:/# cat > jwyc.txt

hiii

my

name

is

jAY

RAHUL

sagar

and

i

live

in

mumbai

root@DESKTOP-TR0AJ2U:/# wc -l jwyc.txt

12 jwyc.txt

root@DESKTOP-TR0AJ2U:/# wc -w jwyc.txt

12 jwyc.txt

root@DESKTOP-TR0AJ2U:/# wc -m jwyc.txt

58 jwyc.txt

root@DESKTOP-TR0AJ2U:/#

Q 2 5

root@DESKTOP-TR0AJ2U:/# history 10

58 cp f1.txt dbda

59 cd dbda

60 ls

61 cd ..

62 ls

63 cat > jwyc.txt

64 wc -l jwyc.txt

65 wc -w jwyc.txt

66 wc -m jwyc.txt

67 history 10

root@DESKTOP-TR0AJ2U:/#

Q3 1

root@DESKTOP-TR0AJ2U:/# cd home

root@DESKTOP-TR0AJ2U:/home# ls

cdac\_kh

root@DESKTOP-TR0AJ2U:/home# mkdir jjjjj.txt

root@DESKTOP-TR0AJ2U:/home# ls

cdac\_kh jjjjj.txt

root@DESKTOP-TR0AJ2U:/home# tar cf jjjjj.tar jjjjj.txt

root@DESKTOP-TR0AJ2U:/home# ls

cdac\_kh jjjjj.tar jjjjj.txt

Q 3 2

root@DESKTOP-TR0AJ2U:/# gzip jwyc.txt

root@DESKTOP-TR0AJ2U:/# ls

bin cdac dbda dev folder4 home jay jwyc.txt.gz lib32 libx32 mnt ram run s4.txt snap sys today.txt var

boot cdac1 deepak etc fy.txt init jay2 lib lib64 media opt proc root s3.txt sbin srv tmp usr

root@DESKTOP-TR0AJ2U:/# cd ..

Q 3 3

root@DESKTOP-TR0AJ2U:/# cd home

root@DESKTOP-TR0AJ2U:/home# ls -l

total 12

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 10 18:39 cdac\_kh

-rw-r--r-- 1 root root 10240 Mar 10 23:04 jjjjj.tar

drwxr-xr-x 1 root root 4096 Mar 10 23:03 jjjjj.txt

root@DESKTOP-TR0AJ2U:/home# chmod 777 jjjjj.txt

root@DESKTOP-TR0AJ2U:/home# ls -l

total 12

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 10 18:39 cdac\_kh

-rw-r--r-- 1 root root 10240 Mar 10 23:04 jjjjj.tar

drwxrwxrwx 1 root root 4096 Mar 10 23:03 jjjjj.txt

root@DESKTOP-TR0AJ2U:/home#

Q 3 4

total 12

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 10 18:39 cdac\_kh

-rw-r--r-- 1 root root 10240 Mar 10 23:04 jjjjj.tar

drwxrwxrwx 1 root root 4096 Mar 10 23:03 jjjjj.txt

root@DESKTOP-TR0AJ2U:/home# chown cdac\_kh jjjjj.tx

chown: cannot access 'jjjjj.tx': No such file or directory

root@DESKTOP-TR0AJ2U:/home# chown cdac\_kh jjjjj.txt

root@DESKTOP-TR0AJ2U:/home# ls -l

total 12

drwxr-xr-x 1 cdac\_kh cdac\_kh 4096 Mar 10 18:39 cdac\_kh

-rw-r--r-- 1 root root 10240 Mar 10 23:04 jjjjj.tar

drwxrwxrwx 1 cdac\_kh root 4096 Mar 10 23:03 jjjjj.txt

root@DESKTOP-TR0AJ2U:/home#

Q 3 5

top - 23:24:03 up 44 min, 0 users, load average: 0.52, 0.58, 0.59

Tasks: 7 total, 1 running, 6 sleeping, 0 stopped, 0 zombie

%Cpu(s): 7.3 us, 4.7 sy, 0.0 ni, 87.6 id, 0.0 wa, 0.4 hi, 0.0 si, 0.0 st

MiB Mem : 7967.8 total, 3175.6 free, 4568.1 used, 224.0 buff/cache

MiB Swap: 24576.0 total, 24324.5 free, 251.5 used. 3269.0 avail Mem

PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND

1 root 20 0 8940 324 280 S 0.0 0.0 0:00.23 init

8 root 20 0 8940 220 176 S 0.0 0.0 0:00.00 init

9 cdac\_kh 20 0 18080 3596 3492 S 0.0 0.0 0:00.07 bash

23 root 20 0 18932 2896 2800 S 0.0 0.0 0:00.04 sudo

24 root 20 0 18032 2048 2024 S 0.0 0.0 0:00.03 su

25 root 20 0 17008 2416 2320 S 0.0 0.0 0:00.36 bash

79 root 20 0 18920 2188 1528 R 0.0 0.0 0:00.01 top

Q 4 1

root@DESKTOP-TR0AJ2U:/home# date

Thu Mar 10 23:25:39 IST 2022

root@DESKTOP-TR0AJ2U:/home# cal

March 2022

Su Mo Tu We Th Fr Sa

1 2 3 4 5

6 7 8 9 10 11 12

13 14 15 16 17 18 19

20 21 22 23 24 25 26

27 28 29 30 31

Q 4 2

root@DESKTOP-TR0AJ2U:/home# date -s "14 march 2017 10:10:00"

Tue Mar 14 10:10:00 IST 2017

Q 4 3

root@DESKTOP-TR0AJ2U:/home# whoami

root

root@DESKTOP-TR0AJ2U:/home# whatis

whatis what?

root@DESKTOP-TR0AJ2U:/home# whatis ls

ls (1) - list directory contents

root@DESKTOP-TR0AJ2U:/home# whereis jjjjj.txt

jjjjj:

root@DESKTOP-TR0AJ2U:/home#