Lab Assignment No: 01

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CLASS: C   BRANCH: ENTC   BATCH: 3

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1. Change your password to a password you would like to use for the remainder of the semester.

=> sudo passwd vivek

```
vivek@vivek:~$ sudo passwd vivek
New password:
Retype new password:
passwd: password updated successfully
vivek@vivek:~$ date
Thursday 09 September 2021 11:39:16 AM IST
vivek@vivek:~$ ☐
```

2. Display the system's date.

=> date

```
vivek@vivek:~$ date
Thursday 09 September 2021 11:39:16 AM IST
```

3. Count the number of lines in the /etc/passwd file.

=> wc -l /home/vivek/Documents/lab1.txt

```
vivek@vivek:~$ wc -l /home/vivek/Documents/lab1.txt
19 /home/vivek/Documents/lab1.txt
```

4. Find out who else is on the system.

=> w

```
vivek@vivek:~$ w
 13:16:36 up  1:04,  1 user,  load average: 0.16, 0.14, 0.09
USER     TTY      FROM             LOGIN@   IDLE   JCPU   PCPU WHAT
vivek    :0       :0               12:13    ?xdm?  3:37   0.03s /usr/lib/gdm3/g
```

5. Direct the output of the man pages for the date command to a file named mydate.

=> man -t date > mydate

```
vivek@vivek:~$ man -t date > mydate
```

6. Create a subdirectory called mydir.

=> mkdir mydir

```
vivek@vivek:~$ mkdir mydir
```

7. Move the file mydate into the new subdirectory.

=> mv /home/vivek/mydate   /home/vivek/mydir

```
vivek@vivek:~$ mv /home/vivek/mydate /home/vivek/mydir
```

8. Go to the subdirectory mydir and copy the file mydate to a new file called ourdate

=> cp /home/vivek/mydir/mydate   /home/vivek/Documents/ourdate

```
vivek@vivek:~/mydir$ cp /home/vivek/mydir/mydate /home/vivek/Documents/ourdate
```

9. List the contents of mydir.

=> ls

```
vivek@vivek:~/mydir$ ls
mydate
```

10. Do a long listing on the file ourdate and note the permissions.

=> ls -l ourdate

```
vivek@vivek:~/mydir$ cd /
vivek@vivek:/$ cd Documents
bash: cd: Documents: No such file or directory
vivek@vivek:/$ ls
bin     dev   lib     libx32       mnt    root   snap      sys   var
boot    etc   lib32   lost+found   opt    run    srv       tmp
cdrom   home  lib64   media        proc   sbin   swapfile  usr
vivek@vivek:/$ cd home
vivek@vivek:/home$ cd vivek
vivek@vivek:~$ cd Documents
vivek@vivek:~/Documents$ ls -l ourdate
-rw-rw-r-- 1 vivek vivek 16398 Sep 14 13:22 ourdate
```

11. Display the name of the current directory starting from the root.

=> pwd

```
vivek@vivek:~/Documents$ pwd
/home/vivek/Documents
```

12. Move the files in the directory mydir back to your home directory.

=> mv home/vivek/mydir/mydate   /home/vivek/

```
vivek@vivek:~/Documents$ cd /
vivek@vivek:/$ cd home
vivek@vivek:/home$ cd vivek
vivek@vivek:~$ cd mydir
vivek@vivek:~/mydir$ ls
mydate
vivek@vivek:~/mydir$ mv /home/vivek/mydir/mydate /home/vivek/
```

13. Display the first 5 lines of mydate.

=> head -5 /home/vivek/Raul/mydate

```
vivek@vivek:~/mydir$ head -5 /home/vivek/mydate
%!PS-Adobe-3.0
%%Creator: groff version 1.22.4
%%CreationDate: Tue Sep 14 07:47:17 2021
%%DocumentNeededResources: font Times-Roman
%%+ font Times-Bold
```

14. Display the last 8 lines of mydate.

=> tail -5 /home/vivek/Raul/mydate

```
vivek@vivek:~/mydir$ tail -5 /home/vivek/mydate
-.2(vo)-.4 G(cation\010).2 E(GNU coreutils 8.30)72 768 Q(September 2019)
122.765 E(3)196.365 E 0 Cg EP
%%Trailer
end
%%EOF
```

15. Remove the directory mydir.

=> rm -r /home/vivek/Raul/mydir

```
vivek@vivek:~/mydir$ rm -r /home/vivek/mydir
vivek@vivek:~/mydir$ ▯
```