Name: Vipul Chaudhari

Div:1

Batch: S2

Mis no.:112103028

DTL Assignment

40 linux commands

```
/ipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ sudo
vtputevtput-HP-Laptop-15s-dulxxx:~/dtl$ sudo
usage: sudo -h | -K | -k | -V
usage: sudo -v [-ABknS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-ABknS] [-g group] [-h host] [-p prompt] [-U user] [-
  /home/vipul/dtl
     ripul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ cd /home/vipul/Documents/
   vipul@vipul-HP-Laptop-15s-du1xxx:~/Documents$ cd /home/vipul/dtl/
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ ls -a
. . . aaa.odt bbbbbbb.odt cccc.odt dddddddd.odt
     ripul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ cat > eee.txt
 vipul@vipul-HP-Laptop-15s-du1xxx:-/dtl$ cat fff.txt
cat: fff.txt: No such file or directory
vipul@vipul-HP-Laptop-15s-du1xxx:-/dtl$ cat>fff.txt
  hdchdj
   vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ cat > ggg.txt
   vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ cat eee.txt fff.txt>ggg.txt
   vipul@ripul-HP-Laptop-15s-du1xxx:-/dtl$ cp eee.txt fff.txt ggg.txt /home/vipul/Documents/
vipul@vipul-HP-Laptop-15s-du1xxx:-/dtl$ mv eee.txt hhh.txt
vipul@vipul-HP-Laptop-15s-du1xxx:-/dtl$ mv hhh.txt /home/vipul/Do
  Documents/ Downloads/
   vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ mv hhh.txt /home/vipul/Do
 Documents/ Downloads/
   vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ mv hhh.txt /home/vipul/Do
   vipul@vipul-HP-Laptop-15s-du1xxx:-/dtl$ mv hhh.txt /home/vipul/Documents/
vipul@vipul-HP-Laptop-15s-du1xxx:-/dtl$ mkdir -m777 example
vipul@vipul-HP-Laptop-15s-du1xxx:-/dtl$ rmdir example
     ripul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ touch /home/vipul/Documents/Web.html
```

```
pul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ plocate eee
/home/vipul/.cache/thumbnails/fail/gnome-thumbnail-factory/6cdeeee4dd4a536473e097091e27ddc9.png
 /home/vipul/Documents/eee.txt
/home/vipul/snap/firefox/common/.mozilla/firefox/490jt1za.default/storage/default/https+++web.whatsapp.com/cache/morgue/143/{e16eee0a-6f2d-4c62-a5e6-d733ac98f28f}.final
 /home/vipul/snap/firefox/common/.mozilla/firefox/490jt1za.default/storage/default/https+++web.whatsapp.com/cache/morgue/254/{bfeee195-6009-43af-889b-d46a70ec01fe}.final
/nome/vipul/snap/firefox/common/.mozitla/firefox/490jt1za.default/storage/default/https+++web.whatsapp.com/cache/morgue/5/{d1b744b6-df2c-4eee-8617-bb07267ee105}.final/snap/gtk-common-themes/1535/share/icons/Adwaita/scalable/devices/drive-harddisk-ieee1394-symbolic.svg/snap/gtk-common-themes/1535/share/icons/HighContrast/16x16/devices/drive-harddisk-ieee1394-symbolic.svg/snap/gtk-common-themes/1535/share/icons/HighContrast/16x16/devices/drive-harddisk-ieee1394-symbolic.svg/snap/gtk-common-themes/1535/share/icons/HighContrast/16x16/devices/drive-harddisk-ieee1394-symbolic.svg/snap/gtk-common-themes/snap/icons/HighContrast/16x16/devices/drive-harddisk-ieee1394-symbolic.svg/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/HighContrast/snap/gtk-common-themes/snap/icons/highContrast/snap/gtk-common-themes/snap/icons/snap/gtk-common-themes/snap/icons/highContrast/snap/gtk-common-themes/snap/icons/highContrast/snap/gtk-common-themes/snap/icons/highContrast/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gtk-common-themes/snap/gt
 /snap/gtk-common-themes/1535/share/icons/HighContrast/22x22/devices/drive-harddisk-ieee1394.png
/snap/gtk-common-themes/1535/share/icons/HighContrast/24x24/devices/drive-harddisk-ieee1394.png
 /snap/gtk-common-themes/1535/share/icons/HighContrast/256x256/devices/drive-harddisk-ieee1394.png
/snap/gtk-common-themes/1535/share/icons/HighContrast/32x32/devices/drive-harddisk-ieee1394.png
  snap/gtk-common-themes/1535/share/icons/HighContrast/48x48/devices/drive-harddisk-ieee1394.png/
  snap/gtk-common-themes/1535/share/icons/Humanity/devices/16/drive-harddisk-ieee1394.svg/
 /snap/gtk-common-themes/1535/share/icons/Humanity/devices/16/drive-removable-media-ieee1394.svg
  /snap/gtk-common-themes/1535/share/icons/Humanity/devices/24/drive-harddisk-ieee1394.svg
  snap/gtk-common-themes/1535/share/icons/Humanity/devices/24/drive-removable-media-ieee1394.svg/
 /snap/gtk-common-themes/1535/share/icons/Humanity/devices/48/drive-harddisk-ieee1394.svg
/snap/gtk-common-themes/1535/share/icons/Humanity/devices/48/drive-removable-media-ieee1394.svg
 /snap/gtk-common-themes/1535/share/icons/Yaru/16x16/devices/drive-harddisk-ieee1394.png
 /snap/gtk-common-themes/1535/share/icons/Yaru/16x16@2x/devices/drive-harddisk-ieee1394.png
  /snap/gtk-common-themes/1535/share/icons/Yaru/24x24/devices/drive-harddisk-ieee1394.png
 /snap/gtk-common-themes/1535/share/icons/Yaru/24x24@2x/devices/drive-harddisk-ieee1394.png
/snap/gtk-common-themes/1535/share/icons/Yaru/256x256/devices/drive-harddisk-ieee1394.png
```

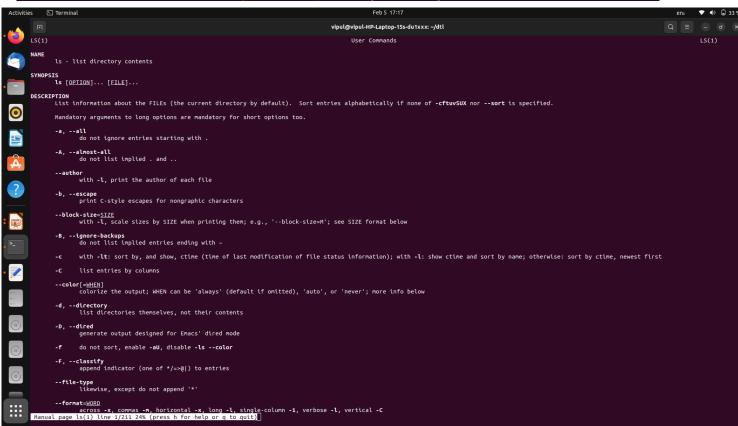
```
/var/lib/dpkg/info/libieee1284-3:amd64.triggers
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ find dtl -name "*.txt"
find: 'dtl': No such file or directory
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ find /home/vipul/dtl -name "*.txt"
/home/vipul/dtl/qqq.txt
/home/vipul/dtl/fff.txt
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ grep hdch fff.txt
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ df -h
Filesystem
                Size Used Avail Use% Mounted on
                      2.2M
tmpfs
                776M
                             774M
                                    1% /run
/dev/nvme0n1p6
                 81G
                        13G
                              64G
                                   17% /
                3.8G
                             3.8G
                                    0% /dev/shm
tmpfs
                          0
tmpfs
                5.0M
                      4.0K
                             5.0M
                                    1% /run/lock
/dev/nvme0n1p1
                 96M
                       35M
                              62M
                                   36% /boot/efi
                                    1% /run/user/1000
tmpfs
                776M
                      2.4M
                             773M
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ df -m
Filesystem
               1M-blocks Used Available Use% Mounted on
tmpfs
                      776
                                      774
                                            1% /run
                              3
/dev/nvme0n1p6
                   82842 13074
                                    65516
                                           17% /
tmpfs
                     3877
                              0
                                     3877
                                            0% /dev/shm
tmpfs
                       5
                              1
                                        5
                                             1% /run/lock
/dev/nvme0n1p1
                      96
                             35
                                       62
                                           36% /boot/efi
tmpfs
                     776
                              3
                                      773
                                            1% /run/user/1000
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ df -k
Filesystem
               1K-blocks
                              Used Available Use% Mounted on
tmpfs
                  793904
                              2156
                                      791748
                                                1% /run
                84829352 13386896
/dev/nvme0n1p6
                                    67087336
                                              17% /
                                                0% /dev/shm
tmpfs
                 3969504
                                 0
                                     3969504
tmpfs
                    5120
                                 4
                                        5116
                                                1% /run/lock
                   98304
                             34952
                                       63352
                                               36% /boot/efi
/dev/nvme0n1p1
                  793900
                              2428
                                      791472
                                                1% /run/user/1000
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ df -T
                     1K-blocks
                                    Used Available Use% Mounted on
Filesystem
               Type
tmpfs
               tmpfs
                         793904
                                    2156
                                             791748
                                                      1% /run
/dev/nvme0n1p6 ext4
                      84829352 13386860
                                          67087372
                                                     17% /
                                                      0% /dev/shm
tmpfs
               tmpfs
                       3969504
                                       0
                                           3969504
tmpfs
                                                      1% /run/lock
               tmpfs
                           5120
                                       4
                                               5116
/dev/nvme0n1p1 vfat
                          98304
                                   34952
                                             63352
                                                     36% /boot/efi
tmpfs
               tmpfs
                         793900
                                    2428
                                            791472
                                                      1% /run/user/1000
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ du -m /home/vipul/dtl/
        /home/vipul/dtl/
1
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ du -s /home/vipul/dtl/
60
        /home/vipul/dtl/
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ du -h /home/vipul/dtl/
60K
        /home/vipul/dtl/
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ head ggg.txt
```

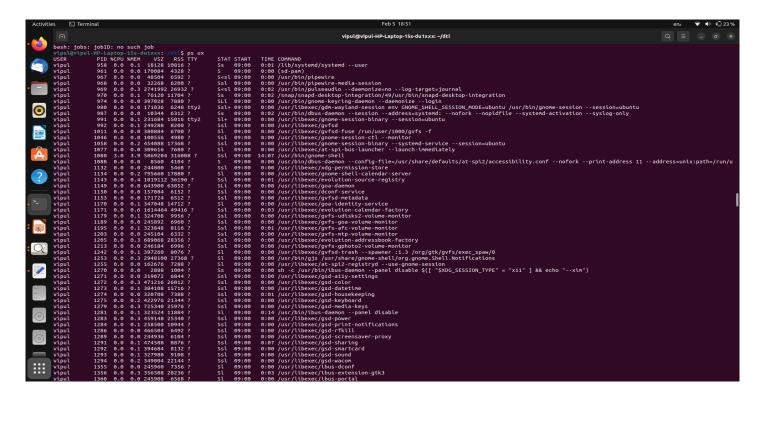
hdchdj

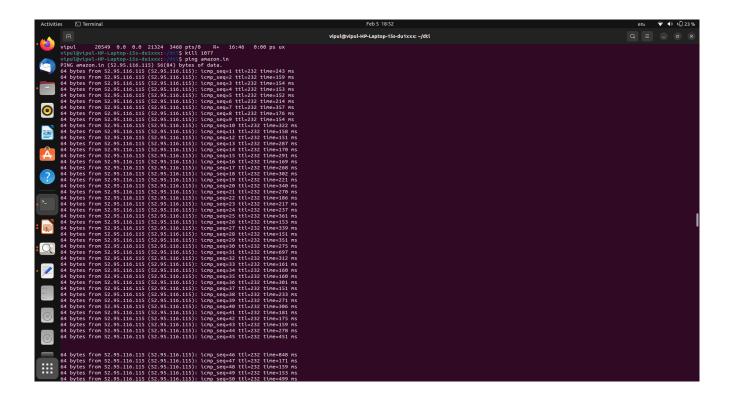
```
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ tail ggg.txt

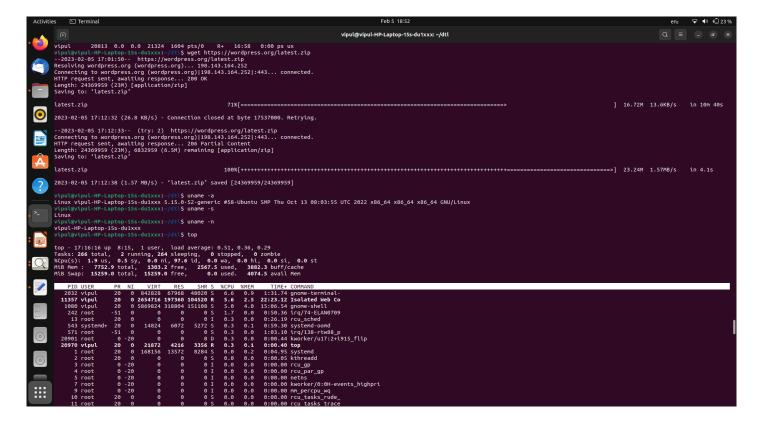
hdchdj
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ diff ggg.txt fff.txt
3d2
<
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ tar -cvf archive.tar</pre>
```

```
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ tar -cvf archive.tar /home/vipul/dtl
tar: Removing leading `/' from member names
/home/vipul/dtl/
tar: /home/vipul/dtl/archive.tar: file is the archive; not dumped
/home/vipul/dtl/qqq.txt
/home/vipul/dtl/aaa.odt
/home/vipul/dtl/cccc.odt
/home/vipul/dtl/fff.txt
/home/vipul/dtl/ddddddddd.odt
/home/vipul/dtl/bbbbbbb.odt
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ chmod hhh.txt
chmod: missing operand after 'hhh.txt
Try 'chmod --help' for more information.
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ chmod fff.txt
chmod: missing operand after 'fff.txt'
Try 'chmod --help' for more information.
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ chmod 777 fff.txt
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ jobs jobID
bash: jobs: jobID: no such job
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ chown sanchit eee.txt
chown: invalid user: 'sanchit'
```









```
0.0 0.0 0.00.00 Cpulip/o
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ history
   1 vi q3.c
2 sudo apt update
3 sudo apt install build-essential
   4 sudo apt-get install manpages-dev
   5 gcc--version
   6 gcc --version
   7 sudo apt-get install vim
   8 vi a1q1.c
   9 gcc a1q1.c
  10 ./a.out
  11 vi test.c
  12 cc test.c
  13 ls
  14 cc -o test.c
  15 ls
  16 cat test.c
  17 cc -e test.c
  18 gcc test.c
      ./a.out
  19
  20 cc -o test.c chiro
  21 cc -o test.c chiro.o
     cc -o test.c s
  23
  24 vi a3q1.c
  25 gcc a3q1.c
  26 vi a3q1.c
  27 gcc a3q1.c
  28 vi a3q1.c
  29 gcc a3q1.c
  30 vi a3q1.c
  31 gcc a3q1.c
  32 ./a.out
  33 vi a3q1.c
  34 gcc a3q1.c
  35 ./a.out
  36 clear
  37 vi a3q1.c
  38 gcc a3q1.c
  39
      ./a.out
  40 vi a3q2.c
  41 vi a3q3.c
  42 gcc a3q3.c
      ./a.out
  43
  44
     vi a3q3.c
  45 gcc a3q3.c
  46 ./a.out
  47
     clear
  48 vi a3q3.c
  49 gcc a3q3.c
  50 ./a.out
  51 vi a3q4.c
  52 gcc a3q3.c
  53 ./a.out
```

```
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ man ls
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ man ls
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ echo "HI"
ΗI
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ zip ar.zip eee.txt
        zip warning: name not matched: eee.txt
zip error: Nothing to do! (ar.zip)
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ unzip ar.zip
unzip: cannot find or open ar.zip, ar.zip.zip or ar.zip.ZIP.
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ zip ar.zip fff.txt
  adding: fff.txt (stored 0%)
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ unzip ar.zip
Archive: ar.zip
replace fff.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: y
extracting: fff.txt
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtlS
```

```
vipul@vipul-HP-Laptop-15s-du1xxx
vipul@vipul-HP-Laptop-15s-du1xxx
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ sudo useradd vip
[sudo] password for vipul:
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ vi abcc.c
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ alias k='kill'
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$ unalias k
vipul@vipul-HP-Laptop-15s-du1xxx:~/dtl$
```

