```
ved14@Ved14:~/linux$ hostname -I
10.0.2.15
ved14@Ved14:~/linux$ nano [line2.txt]
ved14@Ved14:~/linux$ htop-h
htop-h: command not found
ved14@Ved14:~/linux$ htop -h
Command 'htop' not found, but can be installed with:
sudo snap install htop  # version 3.2.1, or
sudo apt  install htop  # version 3.0.5-7build2
See 'snap info htop' for additional versions.
ved14@Ved14:~/linux$ snap install htop
htop 3.2.2 from Maximiliano Bertacchini (maxiberta) installed
ved14@Ved14:~/linux$ htop -h
locales-launch: Data of en_IN locale not found, generating, please wait...
htop 3.2.2
(C) 2004-2019 Hisham Muhammad. (C) 2020-2023 htop dev team.
Released under the GNU GPLv2+.

-C --no-color               Use a monochrome color scheme
-d --delay=DELAY            Set the delay between updates, in tenths of seconds
-F --filter=FILTER          Show only the commands matching the given filter
-h --help                   Print this help screen
-H --highlight-changes[=DELAY] Highlight new and old processes
-M --no-mouse               Disable the mouse
-p --pid=PID[,PID,PID...]   Show only the given PIDs
   --readonly               Disable all system and process changing features
-s --sort-key=COLUMN        Sort by COLUMN in list view (try --sort-key=help for a list)
-t --tree                   Show the tree view (can be combined with -s)
-u --user[=USERNAME]        Show only processes for a given user (or $USER)
-U --no-unicode             Do not use unicode but plain ASCII
-V --version                Print version info
   --drop-capabilities[=off|basic|strict] Drop Linux capabilities when running as root
                            off - do not drop any capabilities
                            basic (default) - drop all capabilities not needed by htop
                            strict - drop all capabilities except those needed for
                                   core functionality

Press F1 inside htop for online help.
See 'man htop' for more information.
ved14@Ved14:~/linux$ htop -C
ved14@Ved14:~/linux$ ps -u
USER        PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
ved14      1693  0.0  0.0 171036  6012 tty2     Ssl+ 08:19   0:00 /usr/libexec/
ved14      1700  0.0  0.1 231684 15392 tty2     Sl+  08:19   0:00 /usr/libexec/
ved14      2381  0.0  0.0  19788  5148 pts/0    Ss   08:19   0:00 bash
ved14      3239  0.0  0.0  21324  1548 pts/0    R+   09:22   0:00 ps -u
```

```
ved14@Ved14:~$ cd linux
ved14@Ved14:~/linux$ mkdir coep
ved14@Ved14:~/linux$ ls
coep  line1.txt  line2.txt  line3.txt  linux1
ved14@Ved14:~/linux$ rmdir coep
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  line3.txt  linux1
ved14@Ved14:~/linux$ grep frens line2.txt
Hello frens
ved14@Ved14:~/linux$ du
4        ./linux1
20       .
ved14@Ved14:~/linux$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
tmpfs            1047412       1496   1045916   1% /run
/dev/sda3       13080868   11385448   1009136  92% /
tmpfs            5237052          0   5237052   0% /dev/shm
tmpfs               5120          4      5116   1% /run/lock
/dev/sda2         524252       5364    518888   2% /boot/efi
tmpfs            1047408       2416   1044992   1% /run/user/1000
/dev/sr0           51716      51716         0 100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs           1023M  1.5M 1022M   1% /run
/dev/sda3        13G   11G  986M  92% /
tmpfs           5.0G     0  5.0G   0% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
/dev/sda2       512M  5.3M  507M   2% /boot/efi
tmpfs           1023M  2.4M 1021M   1% /run/user/1000
/dev/sr0         51M   51M     0 100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ df -m
Filesystem      1M-blocks  Used Available Use% Mounted on
tmpfs                1023     2      1022   1% /run
/dev/sda3           12775 11119       986  92% /
tmpfs                5115     0      5115   0% /dev/shm
tmpfs                   5     1         5   1% /run/lock
/dev/sda2             512     6       507   2% /boot/efi
tmpfs                1023     3      1021   1% /run/user/1000
/dev/sr0               51    51         0 100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ df -k
Filesystem      1K-blocks      Used Available Use% Mounted on
tmpfs            1047412       1488   1045924   1% /run
/dev/sda3       13080868   11385448   1009136  92% /
tmpfs            5237052          0   5237052   0% /dev/shm
tmpfs               5120          4      5116   1% /run/lock
/dev/sda2         524252       5364    518888   2% /boot/efi
```

```
/dev/sda2          524252      5364    518888    2% /boot/efi
tmpfs            1047408      2412   1044996    1% /run/user/1000
/dev/sr0           51716     51716         0  100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ df -T
Filesystem      Type    1K-blocks     Used Available Use% Mounted on
tmpfs           tmpfs     1047412     1488   1045924    1% /run
/dev/sda3       ext4     13080868 11385448   1009136   92% /
tmpfs           tmpfs     5237052        0   5237052    0% /dev/shm
tmpfs           tmpfs        5120        4      5116    1% /run/lock
/dev/sda2       vfat       524252     5364    518888    2% /boot/efi
tmpfs           tmpfs     1047408     2412   1044996    1% /run/user/1000
/dev/sr0        iso9660     51716    51716         0  100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ du -m
1       ./linux1
1       .
ved14@Ved14:~/linux$ du -k
4       ./linux1
20      .
ved14@Ved14:~/linux$ head line.txt
head: cannot open 'line.txt' for reading: No such file or directory
ved14@Ved14:~/linux$ head line1.txt
Hello frens
ved14@Ved14:~/linux$ diff line1.txt line2.txt
ved14@Ved14:~/linux$ diff -c line1.txt line2.txt
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  line3.txt  linux1
ved14@Ved14:~/linux$ tar -cf myfile.tar line2.txt
ved14@Ved14:~/linux$ tar -xf myfile.tar
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  line3.txt  linux1  myfile.tar
ved14@Ved14:~/linux$ du -h
4.0K    ./linux1
32K     .
ved14@Ved14:~/linux$ gzip line1.txt
ved14@Ved14:~/linux$ ls
line1.txt.gz  line2.txt  line3.txt  linux1  myfile.tar
ved14@Ved14:~/linux$ du -h line2.txt.gz
du: cannot access 'line2.txt.gz': No such file or directory
ved14@Ved14:~/linux$ du -h line2.txt.gz
du: cannot access 'line2.txt.gz': No such file or directory
ved14@Ved14:~/linux$ chwon linux line1.txt
Command 'chwon' not found, did you mean:
  command 'chown' from deb coreutils (8.32-4.1ubuntu1)
  command 'chcon' from deb coreutils (8.32-4.1ubuntu1)
Try: sudo apt install <deb name>
ved14@Ved14:~/linux$ jobs -l
```

```
--- www.google.com ping statistics ---
54 packets transmitted, 54 received, 0% packet loss, time 53405ms
rtt min/avg/max/mdev = 5.155/12.952/43.975/8.924 ms
ved14@Ved14:~/linux$ man wget
ved14@Ved14:~/linux$ u name -a
u: command not found
ved14@Ved14:~/linux$ uname -a
Linux Ved14 5.15.0-52-generic #58-Ubuntu SMP Thu Oct 13 08:03:55 UTC 2022 x86_64 x86_64 x86_64 GNU/Linux
ved14@Ved14:~/linux$ uname -n
Ved14
ved14@Ved14:~/linux$ top

top - 09:06:49 up 47 min,  1 user,  load average: 0.08, 0.14, 0.09
Tasks: 245 total,   1 running, 244 sleeping,   0 stopped,   0 zombie
%Cpu(s):  0.2 us,  0.0 sy,  0.0 ni, 99.6 id,  0.1 wa,  0.0 hi,  0.0 si,  0.0 st
MiB Mem :  10228.6 total,   8570.1 free,    774.0 used,    884.5 buff/cache
MiB Swap:   1420.0 total,   1420.0 free,      0.0 used.   9173.9 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
   1791 ved14     20   0 6186340 367152 136296 S   2.3   3.5   0:57.41 gnome-s+
   2247 ved14     20   0  227504   2460   2100 S   0.3   0.0   0:06.07 VBoxCli+
   2363 ved14     20   0  562132  52092  39732 S   0.3   0.5   0:03.21 gnome-t+
   2744 root      20   0       0      0      0 I   0.3   0.0   0:00.42 kworker+
   2795 ved14     20   0   21872   4088   3232 R   0.3   0.3   0:00.02 top
      1 root      20   0  166728  11828   8248 S   0.0   0.1   0:01.85 systemd
      2 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kthreadd
      3 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_gp
      4 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 rcu_par+
      5 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 netns
      7 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker+
      9 root       0 -20       0      0      0 I   0.0   0.0   0:00.08 kworker+
     10 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 mm_perc+
     11 root      20   0       0      0      0 S   0.0   0.0   0:00.00 rcu_tas+
     12 root      20   0       0      0      0 S   0.0   0.0   0:00.00 rcu_tas+
     13 root      20   0       0      0      0 S   0.0   0.0   0:00.01 ksoftir+
     14 root      20   0       0      0      0 I   0.0   0.0   0:01.25 rcu_sch+
ved14@Ved14:~/linux$ hostname -i
127.0.1.1
ved14@Ved14:~/linux$ hostname -l
hostname: invalid option -- 'l'
Usage: hostname [-b] {hostname|-F file}      set host name (from file)
       hostname [-a|-A|-d|-f|-i|-I|-s|-y]    display formatted name
       hostname                              display host name

       {yp,nis,}domainname {nisdomain|-F file}  set NIS domain name (from file)
       {yp,nis,}domainname                      display NIS domain name
```

```
      14 root       20    0        0        0        0 I    0.0     0.0    0:01.25 rcu_sch+
ved14@Ved14:~/linux$ hostname -i
127.0.1.1
ved14@Ved14:~/linux$ hostname -l
hostname: invalid option -- 'l'
Usage: hostname [-b] {hostname|-F file}          set host name (from file)
       hostname [-a|-A|-d|-f|-i|-I|-s|-y]        display formatted name
       hostname                                  display host name

       {yp,nis,}domainname {nisdomain|-F file}   set NIS domain name (from file)
       {yp,nis,}domainname                       display NIS domain name

       dnsdomainname                             display dns domain name

       hostname -V|--version|-h|--help           print info and exit

Program name:
       {yp,nis,}domainname=hostname -y
       dnsdomainname=hostname -d

Program options:
    -a, --alias            alias names
    -A, --all-fqdns        all long host names (FQDNs)
    -b, --boot             set default hostname if none available
    -d, --domain           DNS domain name
    -f, --fqdn, --long     long host name (FQDN)
    -F, --file             read host name or NIS domain name from given file
    -i, --ip-address       addresses for the host name
    -I, --all-ip-addresses all addresses for the host
    -s, --short            short host name
    -y, --yp, --nis        NIS/YP domain name

Description:
    This command can get or set the host name or the NIS domain name. You can
    also get the DNS domain or the FQDN (fully qualified domain name).
    Unless you are using bind or NIS for host lookups you can change the
    FQDN (Fully Qualified Domain Name) and the DNS domain name (which is
    part of the FQDN) in the /etc/hosts file.
ved14@Ved14:~/linux$ hostname -A
Ved14
ved14@Ved14:~/linux$ hostname -I
10.0.2.15
ved14@Ved14:~/linux$ nano [line2.txt]
ved14@Ved14:~/linux$ htop-h
htop-h: command not found
ved14@Ved14:~/linux$ htop -h
```

```
ved14@Ved14:~/linux$ jobs -l
ved14@Ved14:~/linux$ jobs -p jobID
bash: jobs: jobID: no such job
ved14@Ved14:~/linux$ ping www.google.com
PING www.google.com (142.250.199.132) 56(84) bytes of data.
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=1 ttl=114 time=8.33 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=2 ttl=114 time=20.0 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=3 ttl=114 time=20.0 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=4 ttl=114 time=6.21 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=5 ttl=114 time=18.5 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=6 ttl=114 time=6.18 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=7 ttl=114 time=19.5 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=8 ttl=114 time=18.8 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=9 ttl=114 time=21.4 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=10 ttl=114 time=20.9 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=11 ttl=114 time=17.6 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=12 ttl=114 time=14.1 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=13 ttl=114 time=29.9 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=14 ttl=114 time=20.7 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=15 ttl=114 time=16.1 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=16 ttl=114 time=19.8 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=17 ttl=114 time=5.17 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=18 ttl=114 time=18.7 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=19 ttl=114 time=6.50 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=20 ttl=114 time=6.45 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=21 ttl=114 time=35.1 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=22 ttl=114 time=21.5 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=23 ttl=114 time=7.14 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=24 ttl=114 time=17.5 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=25 ttl=114 time=12.1 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=26 ttl=114 time=6.92 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=27 ttl=114 time=7.72 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=28 ttl=114 time=6.63 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=29 ttl=114 time=6.69 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=30 ttl=114 time=6.24 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=31 ttl=114 time=7.01 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=32 ttl=114 time=6.14 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=33 ttl=114 time=6.95 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=34 ttl=114 time=5.95 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=35 ttl=114 time=5.69 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=36 ttl=114 time=19.1 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=37 ttl=114 time=44.0 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=38 ttl=114 time=33.7 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=39 ttl=114 time=6.91 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=40 ttl=114 time=5.34 ms
64 bytes from bom07s36-in-f4.1e100.net (142.250.199.132): icmp_seq=41 ttl=114 time=6.59 ms
```

```
line1.txt  line2.txt  line3.txt
ved14@Ved14:~/linux$ pwd
/home/ved14/linux
ved14@Ved14:~/linux$ mkdir linux1
ved14@Ved14:~/linux$ cd linux1
ved14@Ved14:~/linux/linux1$ pwd
/home/ved14/linux/linux1
ved14@Ved14:~/linux/linux1$ cd /home/ved14/linux
ved14@Ved14:~/linux$ cp line1.txt line3.txt
ved14@Ved14:~/linux$ cat line3.txt
Hello frens
ved14@Ved14:~/linux$ cat lines.txt
cat: lines.txt: No such file or directory
ved14@Ved14:~/linux$ cp line1.txt line2.txt
ved14@Ved14:~/linux$ cat line2.txt
Hello frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt
Hello frens
Hello frens
ved14@Ved14:~/linux$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs          1023M  1.6M 1022M   1% /run
/dev/sda3        13G   11G  1.2G  91% /
tmpfs           5.0G     0  5.0G   0% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
/dev/sda2       512M  5.3M  507M   2% /boot/efi
tmpfs          1023M  2.4M 1021M   1% /run/user/1000
/dev/sr0         51M   51M     0 100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ df -m
Filesystem     1M-blocks  Used Available Use% Mounted on
tmpfs               1023     2      1022   1% /run
/dev/sda3          12775 10910      1195  91% /
tmpfs               5115     0      5115   0% /dev/shm
tmpfs                  5     1         5   1% /run/lock
/dev/sda2            512     6       507   2% /boot/efi
tmpfs               1023     3      1021   1% /run/user/1000
/dev/sr0              51    51         0 100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ df -T
Filesystem     Type   1K-blocks     Used Available Use% Mounted on
tmpfs          tmpfs    1047412     1548   1045864   1% /run
/dev/sda3      ext4    13080868 11171224   1223360  91% /
tmpfs          tmpfs    5237048        0   5237048   0% /dev/shm
tmpfs          tmpfs       5120        4      5116   1% /run/lock
/dev/sda2      vfat      524252     5364    518888   2% /boot/efi
tmpfs          tmpfs    1047408     2420   1044988   1% /run/user/1000
/dev/sr0       iso9660    51716    51716         0 100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ find
.
./line3.txt
./line2.txt
./line1.txt
./linux1
ved14@Ved14:~/linux$ find ./line3.txt
./line3.txt
ved14@Ved14:~/linux$
```

Battery low
Approximately **40 minutes** remaining (20%)

```
ved14@Ved14:~$ mkdir linux
ved14@Ved14:~$ cd linux
ved14@Ved14:~/linux$ touch line1.txt
ved14@Ved14:~/linux$ echo "Hello frens">line1.txt
ved14@Ved14:~/linux$ touch line2.txt
ved14@Ved14:~/linux$ echo "Bye frens">line2.txt
ved14@Ved14:~/linux$ cat line1.txt
Hello frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt
Hello frens
Bye frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt>lines.txt
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  lines.txt
ved14@Ved14:~/linux$ cat lines.txt
Hello frens
Bye frens
ved14@Ved14:~/linux$ mv lines.txt line3.txt
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  line3.txt
ved14@Ved14:~/linux$ pwd
/home/ved14/linux
ved14@Ved14:~/linux$ mkdir linux1
ved14@Ved14:~/linux$ cd linux1
ved14@Ved14:~/linux/linux1$ pwd
/home/ved14/linux/linux1
ved14@Ved14:~/linux/linux1$ cd /home/ved14/linux
ved14@Ved14:~/linux$ cp line1.txt line3.txt
ved14@Ved14:~/linux$ cat line3.txt
Hello frens
ved14@Ved14:~/linux$ cat lines.txt
cat: lines.txt: No such file or directory
ved14@Ved14:~/linux$ cp line1.txt line2.txt
ved14@Ved14:~/linux$ cat line2.txt
Hello frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt
Hello frens
Hello frens
ved14@Ved14:~/linux$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs          1023M  1.6M 1022M   1% /run
/dev/sda3        13G   11G  1.2G  91% /
tmpfs           5.0G     0  5.0G   0% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
/dev/sda2       512M  5.3M  507M   2% /boot/efi
tmpfs          1023M  2.4M 1021M   1% /run/user/1000
/dev/sr0         51M   51M     0 100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ df -m
Filesystem     1M-blocks  Used Available Use% Mounted on
tmpfs               1023     2      1022   1% /run
/dev/sda3          12775 10910      1195  91% /
tmpfs               5115     0      5115   0% /dev/shm
tmpfs                  5     1         5   1% /run/lock
/dev/sda2            512     6       507   2% /boot/efi
tmpfs               1023     3      1021   1% /run/user/1000
/dev/sr0              51    51         0 100% /media/ved14/VBox_GAs_7.0.2
```

Battery low
Approximately **40 minutes** remaining (20%)

```
ved14@Ved14:~$ mkdir linux
ved14@Ved14:~$ cd linux
ved14@Ved14:~/linux$ touch line1.txt
ved14@Ved14:~/linux$ echo "Hello frens">line1.txt
ved14@Ved14:~/linux$ touch line2.txt
ved14@Ved14:~/linux$ echo "Bye frens">line2.txt
ved14@Ved14:~/linux$ cat line1.txt
Hello frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt
Hello frens
Bye frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt>lines.txt
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  lines.txt
ved14@Ved14:~/linux$ cat lines.txt
Hello frens
Bye frens
ved14@Ved14:~/linux$ mv lines.txt line3.txt
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  line3.txt
ved14@Ved14:~/linux$ pwd
/home/ved14/linux
ved14@Ved14:~/linux$ mkdir linux1
ved14@Ved14:~/linux$ cd linux1
ved14@Ved14:~/linux/linux1$ pwd
/home/ved14/linux/linux1
ved14@Ved14:~/linux/linux1$ cd /home/ved14/linux
ved14@Ved14:~/linux$ cp line1.txt line3.txt
ved14@Ved14:~/linux$ cat line3.txt
Hello frens
ved14@Ved14:~/linux$ cat lines.txt
cat: lines.txt: No such file or directory
ved14@Ved14:~/linux$ cp line1.txt line2.txt
ved14@Ved14:~/linux$ cat line2.txt
Hello frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt
Hello frens
Hello frens
ved14@Ved14:~/linux$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs          1023M  1.6M 1022M   1% /run
/dev/sda3        13G   11G  1.2G  91% /
tmpfs           5.0G     0  5.0G   0% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
/dev/sda2       512M  5.3M  507M   2% /boot/efi
tmpfs          1023M  2.4M 1021M   1% /run/user/1000
/dev/sr0         51M   51M     0 100% /media/ved14/VBox_GAs_7.0.2
ved14@Ved14:~/linux$ df -m
Filesystem     1M-blocks  Used Available Use% Mounted on
tmpfs               1023     2      1022   1% /run
/dev/sda3          12775 10910      1195  91% /
tmpfs               5115     0      5115   0% /dev/shm
tmpfs                  5     1         5   1% /run/lock
/dev/sda2            512     6       507   2% /boot/efi
tmpfs               1023     3      1021   1% /run/user/1000
/dev/sr0              51    51         0 100% /media/ved14/VBox_GAs_7.0.2
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Hello frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt
Hello frens
Bye frens
ved14@Ved14:~/linux$ cat line1.txt line2.txt>lines.txt
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  lines.txt
ved14@Ved14:~/linux$ cat lines.txt
Hello frens
Bye frens
ved14@Ved14:~/linux$ mv lines.txt line3.txt
ved14@Ved14:~/linux$ ls
line1.txt  line2.txt  line3.txt
ved14@Ved14:~/linux$ pwd
/home/ved14/linux
ved14@Ved14:~/linux$ mkdir linux1
ved14@Ved14:~/linux$ cd linux1
ved14@Ved14:~/linux/linux1$ pwd
/home/ved14/linux/linux1
ved14@Ved14:~/linux/linux1$ cd /home/ved14/linux
ved14@Ved14:~/linux$ cp line1.txt line3.txt
ved14@Ved14:~/linux$ cat line3.txt
Hello frens
ved14@Ved14:~/linux$ cat lines.txt
cat: lines.txt: No such file or directory
ved14@Ved14:~/linux$ cp line1.txt line2.txt
ved14@Ved14:~/linux$ cat line2.txt
Hello frens
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/dev/sda2       512M  5.3M  507M   2% /boot/efi
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tmpfs               5115     0      5115   0% /dev/shm
tmpfs                  5     1         5   1% /run/lock
/dev/sda2            512     6       507   2% /boot/efi
tmpfs               1023     3      1021   1% /run/user/1000
/dev/sr0              51    51         0 100% /media/ved14/VBox_GAs_7.0.2
```