```
nachiket@Nachiket-HP:~/Desktop$ mkdir Linux_Commands
nachiket@Nachiket-HP:~/Desktop$ cd Linux_Commands/
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ touch new1.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ echo "Hello Linux !">new1.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ touch new2.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ echo "I am so excited to learn commands
!">new2.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ cat new1.txt new2.txt >new3.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ ls
new1.txt  new2.txt  new3.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ pwd
/home/nachiket/Desktop/Linux_Commands
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ mkdir newfolder
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ mv new3.txt
/home/nachiket/Desktop/Linux_Commands/newfolder
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ ls
new1.txt  new2.txt  newfolder
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ cp new1.txt new2.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ locate
Command 'locate' not found, but can be installed with:
sudo apt install plocate
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ sudo apt install plocate
[sudo] password for nachiket:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  liburing2
The following NEW packages will be installed:
  liburing2 plocate
0 upgraded, 2 newly installed, 0 to remove and 0 not upgraded.
Need to get 140 kB of archives.
After this operation, 555 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu jammy/main amd64 liburing2 amd64 2.1-2build1 [10.3
kB]
Get:2 http://in.archive.ubuntu.com/ubuntu jammy/main amd64 plocate amd64 1.1.15-1ubuntu2
[129 kB]
Fetched 140 kB in 2s (91.9 kB/s)
Selecting previously unselected package liburing2:amd64.
(Reading database ... 215738 files and directories currently installed.)
Preparing to unpack .../liburing2_2.1-2build1_amd64.deb ...
Unpacking liburing2:amd64 (2.1-2build1) ...
Selecting previously unselected package plocate.
Preparing to unpack .../plocate_1.1.15-1ubuntu2_amd64.deb ...
Unpacking plocate (1.1.15-1ubuntu2) ...
Setting up liburing2:amd64 (2.1-2build1) ...
Setting up plocate (1.1.15-1ubuntu2) ...
update-alternatives: using /usr/bin/plocate to provide /usr/bin/locate (locate) in auto mode
Adding group `plocate' (GID 137) ...
Done.
Initializing plocate database; this may take some time... done
```

Created symlink /etc/systemd/system/timers.target.wants/plocate-updatedb.timer →
/lib/systemd/system
/plocate-updatedb.timer.
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ locate -i excited*hello
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ locate *.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ locate *.txt -n 10
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ plocate *txt -n 10
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ locate excited
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ locate new1.txt
/home/nachiket/Desktop/Linux_Commands/new1.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ locate new3.txt
/home/nachiket/Desktop/Linux_Commands/newfolder/new3.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ find
.
./newfolder
./newfolder/new3.txt
./new1.txt
./new2.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ find ./new3.txt
find: './new3.txt': No such file or directory
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ find ./newfolder/new3.txt
./newfolder/new3.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ pwd
/home/nachiket/Desktop/Linux_Commands
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ grep hello new1.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ new1.txt
new1.txt: command not found
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ ls
new1.txt new2.txt newfolder
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ grep Hello new1.txt
Hello Linux !
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ touch file.sh
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ echo "script writing">file.sh
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ grep -i"script"*.sh
grep: invalid option -- 'p'
Usage: grep [OPTION]... PATTERNS [FILE]...
Try 'grep --help' for more information.
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ grep -i "script" *.sh
script writing
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ grep "is crazy"
pwd
^C
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ pwd
/home/nachiket/Desktop/Linux_Commands
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ df -h
Filesystem   Size Used Avail Use% Mounted on
tmpfs   1.6G 2.2M 1.6G   1% /run
/dev/nvme0n1p6 92G   21G   66G 25% /
tmpfs   7.7G   0 7.7G   0% /dev/shm
tmpfs   5.0M 4.0K 5.0M   1% /run/lock

```
/dev/nvme0n1p1  256M  90M  167M  36% /boot/efi
tmpfs         1.6G 8.2M 1.6G  1% /run/user/1000
/dev/nvme0n1p4 151G  27G 125G  18% /media/nachiket/New Volume
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ df -m
Filesystem    1M-blocks  Used Available Use% Mounted on
tmpfs          1577    3   1575  1% /run
/dev/nvme0n1p6   93401 21447   67165 25% /
tmpfs          7884    0   7884  0% /dev/shm
tmpfs            5    1     5  1% /run/lock
/dev/nvme0n1p1    256   90    167 36% /boot/efi
tmpfs          1577    9   1569  1% /run/user/1000
/dev/nvme0n1p4  154529 27272   127257 18% /media/nachiket/New Volume
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ df -k
Filesystem    1K-blocks    Used Available Use% Mounted on
tmpfs          1614536   2192  1612344  1% /run
/dev/nvme0n1p6 95642020 21961276  68776248 25% /
tmpfs          8072676     0 8072676  0% /dev/shm
tmpfs           5120    4   5116  1% /run/lock
/dev/nvme0n1p1  262144  91972   170172 36% /boot/efi
tmpfs          1614532   8312  1606220  1% /run/user/1000
/dev/nvme0n1p4 158237160 27926072 130311088 18% /media/nachiket/New Volume
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ df -T
Filesystem    Type  1K-blocks    Used Available Use% Mounted on
tmpfs         tmpfs   1614536   2192  1612344  1% /run
/dev/nvme0n1p6 ext4    95642020 21961276  68776248 25% /
tmpfs         tmpfs   8072676     0 8072676  0% /dev/shm
tmpfs         tmpfs    5120    4   5116  1% /run/lock
/dev/nvme0n1p1 vfat    262144  91972   170172 36% /boot/efi
tmpfs         tmpfs   1614532   8312  1606220  1% /run/user/1000
/dev/nvme0n1p4 fuseblk 158237160 27926072 130311088 18% /media/nachiket/New Volume
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ du-m/home/nachiket/
bash: du-m/home/nachiket/: No such file or directory
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ du -m/home/nachiket/du new.txt
du: invalid option -- '/'
du: invalid option -- 'o'
du: invalid option -- 'e'
du: invalid option -- '/'
du: invalid option -- 'n'
du: invalid option -- 'i'
du: invalid option -- 'e'
du: invalid -t argument '/du'
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ du new1.txt
4       new1.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ du -m new1.txt
1       new1.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ du -m /home/nachiket/Linux\
Administration\ \ Seminar\ 25\ Nov\ 2022/
1       /home/nachiket/Linux Administration  Seminar 25 Nov 2022/Newfolder
1       /home/nachiket/Linux Administration  Seminar 25 Nov 2022/
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ ls
file.sh new1.txt  new2.txt  newfolder
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ head new1.txt
```

Hello Linux !
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ head new2.txt
Hello Linux !
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ head new3.txt
head: cannot open 'new3.txt' for reading: No such file or directory
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ head newfolder/new3.txt
Hello Linux !
I am so excited to learn commands !
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ tail new1.txt
Hello Linux !
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ tail newfolder/new3.txt
Hello Linux !
I am so excited to learn commands !
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ tail -1*.txt
tail: option used in invalid context -- 1
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ tail -1*new3.txt
tail: option used in invalid context -- 1
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ lss
Command 'lss' not found, but there are 15 similar ones.
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ ls
file.sh new1.txt new2.txt newfolder
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ diff new1.txt new2.txt
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ diff file.sh new1.txt
1c1
< script writing

> Hello Linux !
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$ tar -cvf newarchive.tar
/home/nachiket/Linux\ Administration\ \ Seminar\ 25\ Nov\ 2022/
tar: Removing leading `/' from member names
/home/nachiket/Linux Administration Seminar 25 Nov 2022/
/home/nachiket/Linux Administration Seminar 25 Nov 2022/a.c
/home/nachiket/Linux Administration Seminar 25 Nov 2022/hello.c
/home/nachiket/Linux Administration Seminar 25 Nov 2022/new.txt
/home/nachiket/Linux Administration Seminar 25 Nov 2022/a.out
/home/nachiket/Linux Administration Seminar 25 Nov 2022/a.txt
/home/nachiket/Linux Administration Seminar 25 Nov 2022/assign.pdf
/home/nachiket/Linux Administration Seminar 25 Nov 2022/a.py
/home/nachiket/Linux Administration Seminar 25 Nov 2022/Newfolder/
/home/nachiket/Linux Administration Seminar 25 Nov 2022/names
/home/nachiket/Linux Administration Seminar 25 Nov 2022/bash.sh
nachiket@Nachiket-HP:~/Desktop/Linux_Commands$