

```
Activities Terminal 03:11 18 اکتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

tazeen@tazeen-HP-15-Notebook-PC:~$ pwd
/home/tazeen
tazeen@tazeen-HP-15-Notebook-PC:~$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
tazeen@tazeen-HP-15-Notebook-PC:~$ ls Desktop/
tazeen@tazeen-HP-15-Notebook-PC:~$ ls /usr/bin
['
aa-enabled nd5sum
aa-exec nd5sum.textutils
aconect ndel
acpi_listen ndeltree
add-apt-repository ndig
addpart ndir
addr2line ndu
alsabat mesa-overlay-control.py
alsaloop mesg
alsamixer nformat
alsatplg migrate-pubring-from-classic-gpg
alsaucm mimeopen
anidi mimetypes
anixer min12xxw
anufmt.sh minfo
apg mkdir
apgbfm mkfifo
aplay mkfontdir
aplaymidi mkfontscale
apport-bug mkisofs
apport-cgi mkmanifest
apport-collect nk_modmap
apport-unpack nknot
appres nksquashfs
appstreamcli nktemp
apropos nkzftree
apt nlabel
apt-add-repository nmcli
apt-cache mmd
mount
```

```
Activities Terminal 03:12 18 اکتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents

mcopy
tazeen@tazeen-HP-15-Notebook-PC:~$ cd /usr/local/share/fonts
tazeen@tazeen-HP-15-Notebook-PC:~$ cd /usr/local/share/fonts$ pwd
/usr/local/share/fonts
tazeen@tazeen-HP-15-Notebook-PC:~$ cd /usr/local/share/fonts$ cd \
> exit
bash: cd: exit: No such file or directory
tazeen@tazeen-HP-15-Notebook-PC:~$ cd /usr/local/share/fonts$ cd ~
tazeen@tazeen-HP-15-Notebook-PC:~$ cd Documents
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ vi test.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cat test.txt
This is sample text file
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ mkdir testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ vi test.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ nano test.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cp Documents/test.txt testdir
cp: cannot stat 'Documents/test.txt': No such file or directory
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cd ~
tazeen@tazeen-HP-15-Notebook-PC:~$ cp Documents/test.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~$ cd testdir
bash: cd: testdir: Not a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ cp Documents/test.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~$ cd testdir
bash: cd: testdir: Not a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ cd Documents
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
testdir test.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cp test.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cd testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/testdir$ ls
test.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/testdir$ rm *
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/testdir$ ls
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/testdir$ cd /
tazeen@tazeen-HP-15-Notebook-PC:/$ cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
cp: failed to access '/home/tazeen/testdir/': Not a directory
tazeen@tazeen-HP-15-Notebook-PC:/$ mkdir testdir
mkdir: cannot create directory 'testdir': Permission denied
tazeen@tazeen-HP-15-Notebook-PC:/$ cd ~
```

```
Activities Terminal 03:12 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents

tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ mkdir testdir
mkdir: cannot create directory 'testdir': Permission denied
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cd ~
tazeen@tazeen-HP-15-Notebook-PC:~$ mkdir testdir
mkdir: cannot create directory 'testdir': File exists
tazeen@tazeen-HP-15-Notebook-PC:~$ cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
cp: failed to access '/home/tazeen/testdir/': Not a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ cp -r /home/tazeen/Documents/ /testdir/
cp: cannot create directory '/testdir/': Permission denied
tazeen@tazeen-HP-15-Notebook-PC:~$ cp /home/tazeen/Documents/ /testdir/
cp: -r not specified; omitting directory '/home/tazeen/Documents/'
tazeen@tazeen-HP-15-Notebook-PC:~$ cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
cp: failed to access '/home/tazeen/testdir/': Not a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ cd /
tazeen@tazeen-HP-15-Notebook-PC:/$ cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
cp: failed to access '/home/tazeen/testdir/': Not a directory
tazeen@tazeen-HP-15-Notebook-PC:/$ ls /home/tazeen/testdir/
ls: cannot access '/home/tazeen/testdir/': Not a directory
tazeen@tazeen-HP-15-Notebook-PC:/$ cd ~
tazeen@tazeen-HP-15-Notebook-PC:~$ ls /home/tazeen/testdir/
ls: cannot access '/home/tazeen/testdir/': Not a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ testdir
testdir: command not found
tazeen@tazeen-HP-15-Notebook-PC:~$ ls testdir
testdir
tazeen@tazeen-HP-15-Notebook-PC:~$ cd testdir
bash: cd: testdir: Not a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ ls
Desktop Downloads Pictures Templates Videos
Documents Music Public testdir
tazeen@tazeen-HP-15-Notebook-PC:~$ cd testdir
bash: cd: testdir: Not a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ rm testdir
tazeen@tazeen-HP-15-Notebook-PC:~$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
tazeen@tazeen-HP-15-Notebook-PC:~$ cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
tazeen@tazeen-HP-15-Notebook-PC:~$ ls /home/tazeen/testdir
testdir test.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ ls /home/tazeen/Documents
```

```
Activities Terminal 03:12 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents

newtest.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cd ~
tazeen@tazeen-HP-15-Notebook-PC:~$ ls
Desktop Downloads Pictures Templates Videos
Documents Music Public testdir
tazeen@tazeen-HP-15-Notebook-PC:~$ rmdir testdir
rmdir: failed to remove 'testdir': Directory not empty
tazeen@tazeen-HP-15-Notebook-PC:~$ rm testdir
rm: cannot remove 'testdir': Is a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ cd testdir
tazeen@tazeen-HP-15-Notebook-PC:~/testdir$ ls
testdir test.txt
tazeen@tazeen-HP-15-Notebook-PC:~/testdir$ rmdir testdir
tazeen@tazeen-HP-15-Notebook-PC:~/testdir$ rm test.txt
tazeen@tazeen-HP-15-Notebook-PC:~/testdir$ cd ..
tazeen@tazeen-HP-15-Notebook-PC:~$ rmdir testdir
tazeen@tazeen-HP-15-Notebook-PC:~$ cd Documents
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
newtest.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ touch newtest.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
newtest.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ touch oldtest.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
newtest.txt oldtest.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ rm *
rm: cannot remove 'testdir': Is a directory
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ echo "I am textfike 1" >> file1.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ln file1.txt file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cat file2.txt
I am textfike 1
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ history
```

```
Activities Terminal 15:18 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~
tazeen@tazeen-HP-15-Notebook-PC:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            5.8G   0 5.8G   0% /dev
tmpfs           1.2G   0 1.2G   1% /run
/dev/sda8       17G   7.4G 8.3G  48% /
tmpfs           5.9G   0 5.9G   0% /dev/shm
tmpfs           5.0M   0 5.0M   1% /run/lock
tmpfs           5.9G   0 5.9G   0% /sys/fs/cgroup
/dev/loop0      55M   55M   0 100% /snap/core18/1880
/dev/loop2     256M  256M   0 100% /snap/gnome-3-34-1804/36
/dev/loop3      50M   50M   0 100% /snap/snap-store/467
/dev/loop7      31M   31M   0 100% /snap/snapd/9607
/dev/loop4      56M   56M   0 100% /snap/core18/1885
/dev/loop5      63M   63M   0 100% /snap/gtk-common-themes/1506
/dev/loop1      30M   30M   0 100% /snap/snapd/8542
/dev/loop8      51M   51M   0 100% /snap/snap-store/481
/dev/loop6     218M  218M   0 100% /snap/gnome-3-34-1804/60
/dev/sda2       256M  123M  134M  48% /boot/efi
tmpfs           1.2G  20K  1.2G   1% /run/user/1000
tazeen@tazeen-HP-15-Notebook-PC:~$ du -h Documents/file2.txt
4.0K  Documents/file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ free -h
              total        used        free      shared  buff/cache   available
Mem:          11Gi        759Mi       10Gi       125Mi       836Mi       10Gi
Swap:         2.8Gi          0B         2.8Gi
tazeen@tazeen-HP-15-Notebook-PC:~$ free
              total        used        free      shared  buff/cache   available
Mem:    12198964      777524      10565832      127020      855608      11021208
Swap:    2903036           0       2903036
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo apt-get install jwd
E: Invalid operation intall
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo apt-get install jwd
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package jwd
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo apt-get install jed
E: Could not get lock /var/lib/dpkg/lock-frontent. It is held by process 3470 (unattended-upgr)
N: Be aware that removing the lock file is not a solution and may break your system.
```

```
Activities Terminal 15:17 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~
See "man sudo_root" for details.
tazeen@tazeen-HP-15-Notebook-PC:~$ unlink file1.txt
unlink: cannot unlink 'file1.txt': No such file or directory
tazeen@tazeen-HP-15-Notebook-PC:~$ cat "hello there" >> file2.txt
cat: 'hello there': No such file or directory
tazeen@tazeen-HP-15-Notebook-PC:~$ echo "hello there" >> file2.txt
hello there
tazeen@tazeen-HP-15-Notebook-PC:~$ cat file1.txt
cat: file1.txt: No such file or directory
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo passwd
[sudo] password for tazeen:
Sorry, try again.
[sudo] password for tazeen:
New password:
Retype new password:
passwd: password updated successfully
tazeen@tazeen-HP-15-Notebook-PC:~$ su
Password:
root@tazeen-HP-15-Notebook-PC:/home/tazeen# exit
exit
tazeen@tazeen-HP-15-Notebook-PC:~$ head -3 /var/log/syslog
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Finished Remount Root and Kernel File Systems.
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Condition check resulted in Rebuild Hardware Database being skipped.
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Starting Flush Journal to Persistent Storage...
tazeen@tazeen-HP-15-Notebook-PC:~$ head /var/log/syslog
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Finished Remount Root and Kernel File Systems.
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Condition check resulted in Rebuild Hardware Database being skipped.
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Starting Flush Journal to Persistent Storage...
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Condition check resulted in Platform Persistent Storage Archival being skipped.
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Starting Load/Save Random Seed...
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Starting Create System Users...
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Finished Create list of static device nodes for the current kernel.
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Finished Uncomplicated firewall.
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: modprobe@drm.service: Succeeded.
Oct 14 22:47:13 tazeen-HP-15-Notebook-PC systemd[1]: Finished Load Kernel Module drm.
tazeen@tazeen-HP-15-Notebook-PC:~$ tail /var/log/syslog
Oct 18 14:56:07 tazeen-HP-15-Notebook-PC systemd[906]: Started Tracker metadata database store and lookup manager.
Oct 18 14:56:23 tazeen-HP-15-Notebook-PC dbus-daemon[963]: [session uid=1000 pid=963] Activating via systemd: service name='org.freedesktop.Tr
```



```
Activities Terminal 15:18 18 اکتوبر tazeen@tazeen-HP-15-Notebook-PC: ~  
total 36  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Desktop  
drwxr-xr-x 3 tazeen tazeen 4096 03:07 18 اکتوبر Documents  
drwxr-xr-x 2 tazeen tazeen 4096 02:36 18 اکتوبر Downloads  
----- 1 tazeen tazeen 12 14:56 18 اکتوبر file2.txt  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Music  
drwxr-xr-x 2 tazeen tazeen 4096 03:12 18 اکتوبر Pictures  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Public  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Templates  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Videos  
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo chown root file.txt  
chown: cannot access 'file.txt': No such file or directory  
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo chown root file2.txt  
tazeen@tazeen-HP-15-Notebook-PC:~$ ls -l  
total 36  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Desktop  
drwxr-xr-x 3 tazeen tazeen 4096 03:07 18 اکتوبر Documents  
drwxr-xr-x 2 tazeen tazeen 4096 02:36 18 اکتوبر Downloads  
----- 1 root tazeen 12 14:56 18 اکتوبر file2.txt  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Music  
drwxr-xr-x 2 tazeen tazeen 4096 03:12 18 اکتوبر Pictures  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Public  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Templates  
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 اکتوبر Videos  
tazeen@tazeen-HP-15-Notebook-PC:~$ md5sum file2.txt  
md5sum: file2.txt: Permission denied  
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo md5sum file2.txt  
2d01d5d9c24034d54fe4fba0ede5182d file2.txt  
tazeen@tazeen-HP-15-Notebook-PC:~$ su  
Password:  
su: Authentication failure  
tazeen@tazeen-HP-15-Notebook-PC:~$ su root  
Password:  
root@tazeen-HP-15-Notebook-PC:/home/tazeen# echo "another line" >> file2.txt  
root@tazeen-HP-15-Notebook-PC:/home/tazeen# md5sum file2.txt  
8705c1c65a76368f8245c514e12e2404 file2.txt  
root@tazeen-HP-15-Notebook-PC:/home/tazeen# exit  
exit  
tazeen@tazeen-HP-15-Notebook-PC:~$ locate -i "chromium"
```

```
Activities Terminal 15:18 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~
tazeen@tazeen-HP-15-Notebook-PC:~$ tail /var/log/syslog
Oct 18 14:56:07 tazeen-HP-15-Notebook-PC systemd[906]: Started Tracker metadata database store and lookup manager.
Oct 18 14:56:23 tazeen-HP-15-Notebook-PC dbus-daemon[963]: [session uid=1000 pid=963] Activating via systemd: service name='org.freedesktop.Tracker1.Miner.Extract' unit='tracker-extract.service' requested by ':1.2' (uid=1000 pid=922 comm="/usr/libexec/tracker-miner-fs" label="unconfined")
Oct 18 14:56:23 tazeen-HP-15-Notebook-PC systemd[906]: Starting Tracker metadata extractor...
Oct 18 14:56:23 tazeen-HP-15-Notebook-PC tracker-extract[2125]: Set scheduler policy to SCHED_IDLE
Oct 18 14:56:23 tazeen-HP-15-Notebook-PC tracker-extract[2125]: Setting priority nice level to 19
Oct 18 14:56:24 tazeen-HP-15-Notebook-PC dbus-daemon[963]: [session uid=1000 pid=963] Successfully activated service 'org.freedesktop.Tracker1.Miner.Extract'
Oct 18 14:56:24 tazeen-HP-15-Notebook-PC systemd[906]: Started Tracker metadata extractor.
Oct 18 14:56:34 tazeen-HP-15-Notebook-PC systemd[906]: tracker-extract.service: Succeeded.
Oct 18 14:56:54 tazeen-HP-15-Notebook-PC tracker-store[2112]: OK
Oct 18 14:56:54 tazeen-HP-15-Notebook-PC systemd[906]: tracker-store.service: Succeeded.
tazeen@tazeen-HP-15-Notebook-PC:~$ chmod u=rwx,g=rx,o=r file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ ls -l file2.txt
-rwxr-xr-- 1 tazeen tazeen 12 14:56 18 أكتوبر file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ chmod 754 file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ ls -l file2.txt
-rwxr-xr-- 1 tazeen tazeen 12 14:56 18 أكتوبر file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ chmod 740 file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ ls -l file2.txt
-rwxr----- 1 tazeen tazeen 12 14:56 18 أكتوبر file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ chmod 000 file2.txt
chmod: cannot access 'file2.txt': No such file or directory
tazeen@tazeen-HP-15-Notebook-PC:~$ chmod 000 file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~$ cat file2.txt
cat: file2.txt: Permission denied
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo cat file2.txt
hello there
tazeen@tazeen-HP-15-Notebook-PC:~$ ls -l
total 36
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 أكتوبر Desktop
drwxr-xr-x 3 tazeen tazeen 4096 03:07 18 أكتوبر Documents
drwxr-xr-x 2 tazeen tazeen 4096 02:36 18 أكتوبر Downloads
----- 1 tazeen tazeen 12 14:56 18 أكتوبر file2.txt
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 أكتوبر Music
drwxr-xr-x 2 tazeen tazeen 4096 03:12 18 أكتوبر Pictures
drwxr-xr-x 2 tazeen tazeen 4096 22:47 14 أكتوبر Public
```

```
Activities Terminal 15:30 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo apt-get install jed
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  jed-common libonig5 libslang2-modules slsh
Suggested packages:
  gpm
The following NEW packages will be installed:
  jed jed-common libonig5 libslang2-modules slsh
0 upgraded, 5 newly installed, 0 to remove and 187 not upgraded.
Need to get 846 kB of archives.
After this operation, 4,193 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://pk.archive.ubuntu.com/ubuntu focal/universe amd64 libonig5 amd64 6.9.4-1 [142 kB]
Get:2 http://pk.archive.ubuntu.com/ubuntu focal/universe amd64 libslang2-modules amd64 2.3.2-4 [80.8 kB]
Get:3 http://pk.archive.ubuntu.com/ubuntu focal/universe amd64 slsh amd64 2.3.2-4 [119 kB]
Get:4 http://pk.archive.ubuntu.com/ubuntu focal/universe amd64 jed-common all 1:0.99.19-7build1 [372 kB]
Get:5 http://pk.archive.ubuntu.com/ubuntu focal/universe amd64 jed amd64 1:0.99.19-7build1 [132 kB]
Fetched 846 kB in 3s (297 kB/s)
Selecting previously unselected package libonig5:amd64.
(Reading database ... 187232 files and directories currently installed.)
Preparing to unpack .../libonig5_6.9.4-1_amd64.deb ...
Unpacking libonig5:amd64 (6.9.4-1) ...
Selecting previously unselected package libslang2-modules:amd64.
Preparing to unpack .../libslang2-modules_2.3.2-4_amd64.deb ...
Unpacking libslang2-modules:amd64 (2.3.2-4) ...
Selecting previously unselected package slsh.
Preparing to unpack .../slsh_2.3.2-4_amd64.deb ...
Unpacking slsh (2.3.2-4) ...
Selecting previously unselected package jed-common.
Preparing to unpack .../jed-common_1%3a0.99.19-7build1_all.deb ...
Unpacking jed-common (1:0.99.19-7build1) ...
Selecting previously unselected package jed.
Preparing to unpack .../jed_1%3a0.99.19-7build1_amd64.deb ...
Unpacking jed (1:0.99.19-7build1) ...
Setting up libonig5:amd64 (6.9.4-1) ...
Setting up libslang2-modules:amd64 (2.3.2-4) ...
Setting up slsh (2.3.2-4) ...
```

```
Activities Terminal 15:31 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents

Setting up rustlang-modules-amd64 (2.3.2-4) ...
Setting up slsh (2.3.2-4) ...
Setting up jed-common (1:0.99.19-7build1) ...
Running /usr/share/jed/compile/jed-common...done
Setting up jed (1:0.99.19-7build1) ...
update-alternatives: using /usr/bin/jed to provide /usr/bin/editor (editor) in auto mode
update-alternatives: using /usr/bin/jed to provide /usr/bin/jed-script (jed-script) in auto mode
Updating precompiled files...done
Processing triggers for libc-bin (2.31-0ubuntu9) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for install-info (6.7.0.dfsg.2-5) ...
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo apt-get update
Hit:1 http://pk.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://security.ubuntu.com/ubuntu focal-security InRelease [107 kB]
Get:3 http://pk.archive.ubuntu.com/ubuntu focal-updates InRelease [111 kB]
Get:4 http://security.ubuntu.com/ubuntu focal-security/main amd64 DEP-11 Metadata [24.3 kB]
Get:5 http://security.ubuntu.com/ubuntu focal-security/universe amd64 DEP-11 Metadata [55.7 kB]
Get:6 http://pk.archive.ubuntu.com/ubuntu focal-backports InRelease [98.3 kB]
Get:7 http://pk.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [610 kB]
Get:8 http://pk.archive.ubuntu.com/ubuntu focal-updates/main i386 Packages [351 kB]
Get:9 http://pk.archive.ubuntu.com/ubuntu focal-updates/main amd64 DEP-11 Metadata [229 kB]
Get:10 http://pk.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [669 kB]
Get:11 http://pk.archive.ubuntu.com/ubuntu focal-updates/universe i386 Packages [504 kB]
Get:12 http://pk.archive.ubuntu.com/ubuntu focal-updates/universe amd64 DEP-11 Metadata [202 kB]
Get:13 http://pk.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 DEP-11 Metadata [2,468 B]
Get:14 http://pk.archive.ubuntu.com/ubuntu focal-backports/universe amd64 DEP-11 Metadata [1,768 B]
Fetched 2,966 kB in 7s (451 kB/s)
Reading package lists... Done
tazeen@tazeen-HP-15-Notebook-PC:~$ sudo apt-get install zip unzip
Reading package lists... Done
Building dependency tree
Reading state information... Done
unzip is already the newest version (6.0-25ubuntu1).
unzip set to manually installed.
zip is already the newest version (3.0-11build1).
zip set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 187 not upgraded.
tazeen@tazeen-HP-15-Notebook-PC:~$ cd Documents/
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ rm *
```

```
Activities Terminal 15:31 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents

rm: cannot remove 'testdir': is a directory
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ rmdir testdir
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ rm *
rm: cannot remove '*': No such file or directory
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ echo "file1" > file1.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ echo "file2" > file2.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ echo "file3" > file3.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt file3.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ zip -qr filearchive.zip file1.txt file2.txt file3.txt
adding: file1.txt (stored 0%)
adding: file2.txt (stored 0%)
adding: file3.txt (stored 0%)
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt file3.txt filearchive.zip
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ rm file1.txt file2.txt file3.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
filearchive.zip
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ unzip filearchive.zip
unzip: cannot find or open filearchive.zip, filearchive.zip.zip or filearchive.zip.ZIP.
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ unzip filearchive.zip
Archive: filearchive.zip
  extracting: file1.txt
  extracting: file2.txt
  extracting: file3.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt file3.txt filearchive.zip
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ rm filearchive.zip
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt file3.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ tar -cvf filearchive.tar *
file1.txt
file2.txt
file3.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt file3.txt filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ tar cvzf filearchive.tar *
file1.txt
file2.txt
```



```
Activities Terminal 15:31 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents
file1.txt
file2.txt
file3.txt
filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt file3.txt filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ tar cvzf filearchive1.tar.gz *
file1.txt
file2.txt
file3.txt
filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt file3.txt filearchive1.tar.gz filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ rm file1.txt file2.txt file3.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ tar -xvf filearchive.tar
file1.txt
file2.txt
file3.txt
filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ tar -xvf filearchive1.tar.gz
file1.txt
file2.txt
file3.txt
filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ls
file1.txt file2.txt file3.txt filearchive1.tar.gz filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ tar -tvf filearchive1.tar.gz
-rw-rw-r-- tazeen/tazeen 6 2020-10-18 15:22 file1.txt
-rw-rw-r-- tazeen/tazeen 6 2020-10-18 15:22 file2.txt
-rw-rw-r-- tazeen/tazeen 6 2020-10-18 15:22 file3.txt
-rw-rw-r-- tazeen/tazeen 191 2020-10-18 15:25 filearchive.tar
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ifconfig

Command 'ifconfig' not found, but can be installed with:

sudo apt install net-tools

tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ sudo apt install net-tools
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
net-tools
0 upgraded, 1 newly installed, 0 to remove and 187 not upgraded.
Need to get 196 kB of archives.
After this operation, 864 kB of additional disk space will be used.
Get:1 http://pk.archive.ubuntu.com/ubuntu focal/main amd64 net-tools amd64 1.60+git20180626.aebd88e-1ubuntu1 [196 kB]
Fetched 196 kB in 1s (163 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 187666 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ...
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ifconfig
enp8s0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
ether 38:63:bb:cc:3e:c5 txqueuelen 1000 (Ethernet)
RX packets 0 bytes 0 (0.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 0 bytes 0 (0.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 211 bytes 17940 (17.9 KB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 211 bytes 17940 (17.9 KB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlo1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.2.112 netmask 255.255.255.0 broadcast 192.168.2.255
inet6 fe80::ec48:3790:fe27:da3f prefixlen 64 scopeid 0x20<link>
```

```
Activities Terminal 15:31 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ sudo apt install net-tools
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
net-tools
0 upgraded, 1 newly installed, 0 to remove and 187 not upgraded.
Need to get 196 kB of archives.
After this operation, 864 kB of additional disk space will be used.
Get:1 http://pk.archive.ubuntu.com/ubuntu focal/main amd64 net-tools amd64 1.60+git20180626.aebd88e-1ubuntu1 [196 kB]
Fetched 196 kB in 1s (163 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 187666 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ...
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ifconfig
enp8s0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
ether 38:63:bb:cc:3e:c5 txqueuelen 1000 (Ethernet)
RX packets 0 bytes 0 (0.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 0 bytes 0 (0.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 211 bytes 17940 (17.9 KB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 211 bytes 17940 (17.9 KB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlo1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.2.112 netmask 255.255.255.0 broadcast 192.168.2.255
inet6 fe80::ec48:3790:fe27:da3f prefixlen 64 scopeid 0x20<link>
```

```
Activities Terminal 15:48 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ ifconfig -a
enp8s0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 38:63:bb:cc:3e:c5 txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 215 bytes 18284 (18.2 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 215 bytes 18284 (18.2 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlo1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.2.112 netmask 255.255.255.0 broadcast 192.168.2.255
    inet6 fe80::ec48:3790:fe27:da3f prefixlen 64 scopeid 0x20<link>
    ether c0:38:96:6e:3d:b7 txqueuelen 1000 (Ethernet)
    RX packets 43824 bytes 63512418 (63.5 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 24816 bytes 2766853 (2.7 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ uname -a
Linux tazeen-HP-15-Notebook-PC 5.4.0-51-generic #56-Ubuntu SMP Mon Oct 5 14:28:49 UTC 2020 x86_64 x86_64 x86_64 GNU/Linux
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ hostname
tazeen-HP-15-Notebook-PC
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ whoami
tazeen
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ history
1 history
2 chmod
3 ls
4 history
5 pwd
6 ls
```

```
Activities Terminal 15:48 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~
7 ls Desktop/
8 ls /usr/bin
9 cd /usr/local/share/fonts
10 pwd
11 cd exit
12 cd ~
13 cd Documents
14 vi test.txt
15 cat test.txt
16 mkdir testdir
17 vi test.txt
18 nano test.txt
19 cp Documents/test.txt testdir
20 cd ~
21 cp Documents/test.txt testdir
22 cd testdir
23 cp Documents/test.txt testdir
24 cd testdir
25 cd Documents
26 ls
27 cp test.txt testdir
28 cd testdir
29 ls
30 rm *
31 ls
32 cd /
33 cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
34 mkdir testdir
35 cd ~
36 mkdir testdir
37 cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
38 cp -r /home/tazeen/Documents/ /testdir/
39 cp /home/tazeen/Documents/ /testdir/
40 cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
41 cd /
42 cp -r /home/tazeen/Documents/ /home/tazeen/testdir/
43 ls /home/tazeen/testdir/
44 cd ~
45 ls /home/tazeen/testdir/
```



```
Activities Terminal 15:48 18 اکتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ mkdir history
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ chmod 770 history
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ history >> history/history1.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents$ cd history/
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ ls
history1.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ man ifconfig
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ ping www.google.com
PING www.google.com (216.58.208.228) 56(84) bytes of data:
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=1 ttl=113 time=189 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=2 ttl=113 time=110 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=3 ttl=113 time=108 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=4 ttl=113 time=109 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=5 ttl=113 time=177 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=6 ttl=113 time=109 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=7 ttl=113 time=109 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=8 ttl=113 time=109 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=9 ttl=113 time=165 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=10 ttl=113 time=186 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=11 ttl=113 time=210 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=12 ttl=113 time=232 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=13 ttl=113 time=153 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=14 ttl=113 time=176 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=15 ttl=113 time=198 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=16 ttl=113 time=220 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=17 ttl=113 time=142 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=18 ttl=113 time=165 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=19 ttl=113 time=188 ms
c64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=20 ttl=113 time=211 ms
64 bytes from fjr01s01-ln-f4.1e100.net (216.58.208.228): icmp_seq=21 ttl=113 time=131 ms
^C
--- www.google.com ping statistics ---
21 packets transmitted, 21 received, 0% packet loss, time 20026ms
rtt min/avg/max/mdev = 108.478/161.655/232.032/40.809 ms
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ echo "Line1" >> file.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ echo "Line2" >> file.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ echo "Line3" >> file.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ wc -l file.txt
3 file.txt
```

```
Activities Terminal 20:22 18 اکتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents/history
tazeen@tazeen-HP-15-Notebook-PC:~$ tree
.
├── Desktop
├── Documents
│   ├── file1.txt
│   ├── file2.txt
│   ├── file3.txt
│   ├── filearchive1.tar.gz
│   ├── filearchive.tar
│   ├── history
│   │   ├── file.txt
│   │   └── history1.txt
├── Downloads
│   ├── Business.Knowledge.Template.xlsx
│   └── Lab.2.Basic.Linux.Commands.pdf
├── Music
├── Pictures
│   ├── Screenshot from 2020-10-18 03-11-07.png
│   ├── Screenshot from 2020-10-18 03-12-15.png
│   ├── Screenshot from 2020-10-18 03-12-23.png
│   ├── Screenshot from 2020-10-18 03-12-35.png
│   ├── Screenshot from 2020-10-18 15-17-46.png
│   ├── Screenshot from 2020-10-18 15-18-00.png
│   ├── Screenshot from 2020-10-18 15-18-33.png
│   ├── Screenshot from 2020-10-18 15-18-54.png
│   ├── Screenshot from 2020-10-18 15-30-40.png
│   ├── Screenshot from 2020-10-18 15-31-18.png
│   ├── Screenshot from 2020-10-18 15-31-24.png
│   ├── Screenshot from 2020-10-18 15-31-36.png
│   ├── Screenshot from 2020-10-18 15-31-59.png
│   ├── Screenshot from 2020-10-18 15-48-17.png
│   ├── Screenshot from 2020-10-18 15-48-23.png
│   └── Screenshot from 2020-10-18 15-48-30.png
├── Public
├── Templates
└── Videos

9 directories, 25 files
tazeen@tazeen-HP-15-Notebook-PC:~$ cd Documents/history/
```

```
Activities Terminal 20:23 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Documents/history
tazeen@tazeen-HP-15-Notebook-PC:~$ cd Documents/history/
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep hello file.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep simple file.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ cat file.txt
Line1
Line2
Line3
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep Line1 file.txt
Line1
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ echo hello bad file.txt
hello bad file.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ echo "hello bad" >> file.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep "lo bad" file.txt
hello bad
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ cat file.txt
Line1
Line2
Line3
hello bad
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep bad file.txt
hello bad
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep line file.txt
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep -i line file.txt
Line1
Line2
Line3
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ cat file.txt | grep bad
hello bad
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep ^line file.txt
Line1
Line2
Line3
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep -i ^line file.txt
Line1
Line2
Line3
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep -i d$ file.txt
hello bad
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ grep -i .3 file.txt
Line3
tazeen@tazeen-HP-15-Notebook-PC:~/Documents/history$ date
20:23:25 18 OCT 2020
```

```
Activities Terminal 20:25 18 أكتوبر
tazeen@tazeen-HP-15-Notebook-PC: ~
tazeen@tazeen-HP-15-Notebook-PC:~$ uptime
20:24:43 up 1:25, 1 user, load average: 1.68, 0.58, 0.21
tazeen@tazeen-HP-15-Notebook-PC:~$ ps -a
  PID TTY          TIME CMD
 3213 tty2      00:00:01 Xorg
 3244 tty2      00:00:00 gnome-session-b
 3873 pts/0      00:00:00 ps
tazeen@tazeen-HP-15-Notebook-PC:~$ ps -a | grep Xorg
 3213 tty2      00:00:05 Xorg
tazeen@tazeen-HP-15-Notebook-PC:~$ ps -a
  PID TTY          TIME CMD
 3213 tty2      00:00:05 Xorg
 3244 tty2      00:00:00 gnome-session-b
 4396 pts/0      00:00:00 ps
tazeen@tazeen-HP-15-Notebook-PC:~$
```