ls command (list all the files and directory)

```
anoosha@anoosha-VirtualBox:~$ gedit myfile
anoosha@anoosha-VirtualBox:~$ ls
alert_log.txt  backup.cpio  ch2  dead.letter  Documents  enviro.c  G3      getrealtimedata.c  Music  note5  OSLAB    Public              snap       Videos
Anoosha        ch1          ch3  Desktop      Downloads  enviro.h  G3.txt  getrealtimedata.h  myfile  notes  Pictures  reportgenerator.h  Templates
```

chmod command

```
anoosha@anoosha-VirtualBox:~$ chmod 601 myfile
anoosha@anoosha-VirtualBox:~$ ls -l myfile
-rw-----x 1 anoosha anoosha 17 23:42 19  جنوری  myfile
anoosha@anoosha-VirtualBox:~$ chmod 725 myfile
anoosha@anoosha-VirtualBox:~$ ls -l myfile
-rwx-w-r-x 1 anoosha anoosha 17 23:42 19  جنوری  myfile
```

ls -l (list all the files and directory with permission and owner details)

```
anoosha@anoosha-VirtualBox:~$ ls -l
total 12
drwxrwxr-x  3 anoosha anoosha 4096 00:20 20  جنوری  Pictures
drwxr-xr-x 12 anoosha anoosha 4096 00:16 20  جنوری  Templates
drwxrwxr-x  2 anoosha anoosha 4096 00:21 20  جنوری  test
```

ls -a (list all the hidden files)

```
anoosha@anoosha-VirtualBox:~$ ls -a
.              ch1       Downloads        .gnupg    note5     snap                                        .vboxclient-draganddrop-tty2-control.pid   Videos
..             ch2       enviro.c         .lesshst  notes     .ssh                                        .vboxclient-draganddrop-tty2-service.pid   .viminfo
alert_log.txt  ch3       enviro.h         .local    OSLAB     .sudo_as_admin_successful                   .vboxclient-hostversion-tty2-control.pid
Anoosha        .config   G3               .mozilla  Pictures  Templates                                   .vboxclient-seamless-tty2-control.pid
backup.cpio    dead.letter G3.txt         .msmtprc  Public    .thunderbird                                .vboxclient-seamless-tty2-service.pid
.bash_history  Desktop   getrealtimedata.c Music    reportgenerator.h  .vboxclient-clipboard-tty2-control.pid  .vboxclient-vmsvga-session-tty2-control.pid
.cache         Documents getrealtimedata.h myfile   .selected_editor   .vboxclient-clipboard-tty2-service.pid  .vboxclient-vmsvga-session-tty2-service.pid
anoosha@anoosha-VirtualBox:~$
```

gedit (make a file)

```
anoosha@anoosha-VirtualBox:~$ gedit myfile
anoosha@anoosha-VirtualBox:~$ ls
alert_log.txt  backup.cpio  ch2  dead.letter  Documents  enviro.c  G3      getrealtimedata.c  Music  note5  OSLAB    Public              snap       Videos
Anoosha        ch1          ch3  Desktop      Downloads  enviro.h  G3.txt  getrealtimedata.h  myfile  notes  Pictures  reportgenerator.h  Templates
```

find (find the files, directories etc)

```
anoosha@anoosha-VirtualBox:~$ find . -name 'data' -type d
./Desktop/curl-7.80.0/tests/data
```

find . -type d (find all the directories)

```
anoosha@anoosha-VirtualBox:~$ find . -type d
.
./Documents
./.cache
./.cache/gnome-initial-setup
./.cache/gnome-initial-setup/CacheStorage
./.cache/gnome-initial-setup/WebKitCache
./.cache/gnome-initial-setup/WebKitCache/Version 16
./.cache/gnome-initial-setup/WebKitCache/Version 16/Records
./.cache/gnome-initial-setup/WebKitCache/Version 16/Records/22C98B07F8986CB05401E577AC477E48B0C1A954
./.cache/gnome-initial-setup/WebKitCache/Version 16/Records/22C98B07F8986CB05401E577AC477E48B0C1A954/Resource
./.cache/gnome-initial-setup/WebKitCache/Version 16/Records/22C98B07F8986CB05401E577AC477E48B0C1A954/SubResources
./.cache/gnome-initial-setup/WebKitCache/Version 16/Blobs
./.cache/evolution
./.cache/evolution/addressbook
./.cache/evolution/addressbook/trash
./.cache/evolution/calendar
./.cache/evolution/calendar/trash
./.cache/evolution/mail
./.cache/evolution/mail/trash
./.cache/evolution/memos
./.cache/evolution/memos/trash
./.cache/evolution/sources
./.cache/evolution/sources/trash
```

cpio command

```
1 block
anoosha@anoosha-VirtualBox:~$ find Downloads/home/anoosha/projects | cpio -ov > Downloads/home/anoosha/backup.cpio
Downloads/home/anoosha/projects
Downloads/home/anoosha/projects/b.txt
Downloads/home/anoosha/projects/a.txt
1 block
anoosha@anoosha-VirtualBox:~$
```

mv and cd command (for moving files)

```
anoosha@anoosha-VirtualBox:~$ sudo mv myfile.txt ./test
anoosha@anoosha-VirtualBox:~$ cd test
anoosha@anoosha-VirtualBox:~/test$ ls
myfile.txt
anoosha@anoosha-VirtualBox:~/test$
```

Other commands already covered in question 3

Q2

```
anoosha@anoosha-VirtualBox:~$ chmod 601 myfile
anoosha@anoosha-VirtualBox:~$ ls -l myfile
-rw------x 1 anoosha anoosha 17 23:42 19 جنوری myfile
anoosha@anoosha-VirtualBox:~$ chmod 725 myfile
anoosha@anoosha-VirtualBox:~$ ls -l myfile
-rwx-w-r-x 1 anoosha anoosha 17 23:42 19 جنوری myfile
```