.hostname -----To display the name of the host

2..whoami----To display the username

3.ls ------

```
arpreet@harpreet-VirtualBox:~$ ls
1         a.txty      harman.txt  il        ji        kjo       man       mna.txt   my.txt    op        sir       Vid
24        b.txt       haru        io        jkj       kl        mano.txt  mom.txt   nam.txt   Pictures  sol.txt   yy.
a2.ttx    dce.txt     help.txt    j8.txt~   jmu.txt   klk       man.txt   mon       newa.txt  preet     teach
a2.txt4   dir1        hh          jam.txt   kana      klo       mayu.txt  moom      new.txt   Public    Templates
abcd      dir5        hhh         jas       kas       lplp      miet.txt  moon.txt  nn.txt.save  raks.txt.save  tou.txt
adi.txt   Documents   hn          jasp.txt  ki        lpu       min.txt   Music     nono      rau.txt   ujk
a.txt     file.txt    iiii        jatin     ki~       madam     mki.txt   muskan.txt  one.txt  sayu      ulo
arpreet@harpreet-VirtualBox:~$
```

4.ls-al------

```
harpreet@harpreet-VirtualBox:~$ ls -la
total 328
drwxr-xr-x 37 harpreet harpreet  4096 Sep 29 14:05 .
drwxr-xr-x  3 root     root      4096 Nov 28  2021 ..
drwxrwxr-x  3 harpreet harpreet  4096 Sep 12 10:36 1
drwxrwxr-x  2 harpreet harpreet  4096 Sep 12 10:41 24
drwxrwxr-x  2 harpreet harpreet  4096 Sep 28 17:50 a2.ttx
-rw-rw-r--  1 harpreet harpreet    11 Sep 15 15:00 a2.txt4
-rw-rw-r--  1 harpreet harpreet     3 Sep 12 10:46 abcd
drwxrwxr-x  2 harpreet harpreet  4096 Sep 28 17:51 adi.txt
-rw-rw-r--  1 harpreet harpreet    63 Sep 26 10:49 a.txt
-rw-rw-r--  1 harpreet harpreet    58 Sep 26 10:49 a.txty
-rw-------  1 harpreet harpreet  7627 Sep 28 22:40 .bash_history
-rw-r--r--  1 harpreet harpreet   220 Nov 28  2021 .bash_logout
-rw-r--r--  1 harpreet harpreet  3771 Nov 28  2021 .bashrc
-rw-rw-r--  1 harpreet harpreet    19 Sep 26 10:34 b.txt
drwx------ 16 harpreet harpreet  4096 Sep 29 09:31 .cache
```

5.pwd ----To see the present directory

6.cd--- To go to home directory

7.touch --- to create a new file

```
harpreet@harpreet-VirtualBox:~$ touch friend
harpreet@harpreet-VirtualBox:~$ ls
1          b.txt        haru      j8.txt~    kana   lplp
24         dce.txt      help.txt  jam.txt    kas    lpu
a2.ttx     dir1         hh        jas        ki     madar
a2.txt4    dir5         hhh       jasp.txt   ki~    man
abcd       Documents    hn        jatin      kjo    mano.
adi.txt    file.txt     iiii      ji         kl     man.
a.txt      friend       il        jkj        klk    mayu.
a.txty     harman.txt   io        jmu.txt    klo    miet.
harpreet@harpreet-VirtualBox:~$ █
```

8.vi/nano

```
               VIM - Vi IMproved

               version 8.1.2269
           by Bram Moolenaar et al.
      Modified by team+vim@tracker.debian.org
     Vim is open source and freely distributable

           Become a registered Vim user!
    type  :help register<Enter>    for information

    type  :q<Enter>                to exit
    type  :help<Enter>  or  <F1>   for on-line help
    type  :help version8<Enter>    for version info

           Running in Vi compatible mode
    type  :set nocp<Enter>         for Vim defaults
    type  :help cp-default<Enter>  for info on this
```
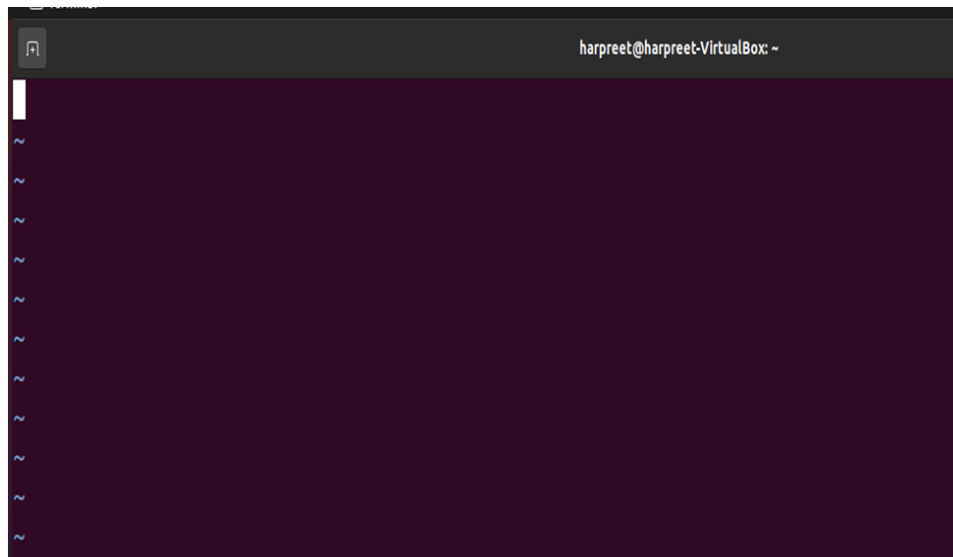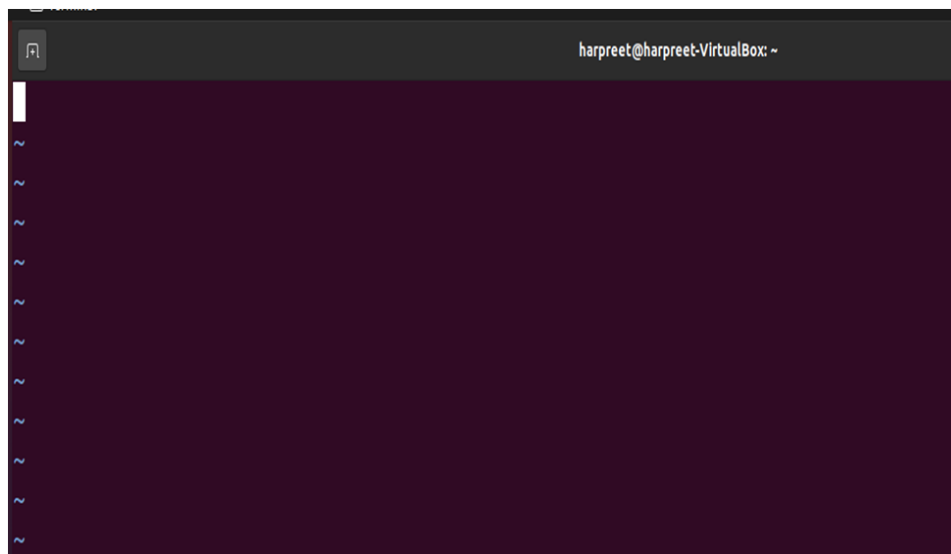
9.nano

10. vi/nano<filename>------- To create a file and open in writing mode

11.cat <filename>----To read the file

12.mkdir<directory name>--To create a directory

13.mkdir –help----- help in mkdir

```
harpreet@harpreet-VirtualBox:~$ mkdir --help
Usage: mkdir [OPTION]... DIRECTORY...
Create the DIRECTORY(ies), if they do not already exist.

Mandatory arguments to long options are mandatory for short options too.
  -m, --mode=MODE   set file mode (as in chmod), not a=rwx - umask
  -p, --parents     no error if existing, make parent directories as needed
  -v, --verbose     print a message for each created directory
  -Z                set SELinux security context of each created directory
                      to the default type
      --context[=CTX]  like -Z, or if CTX is specified then set the SELinux
                      or SMACK security context to CTX
      --help     display this help and exit
      --version  output version information and exit
```

14.mkdir-v<directory name>--------create a directory and give output for status

```
harpreet@harpreet-VirtualBox:~$ mkdir -v hiii
mkdir: created directory 'hiii'
harpreet@harpreet-VirtualBox:~$
```

15. rm<file name>--- To delete a file

```
harpreet@harpreet-VirtualBox:~$ rm n
harpreet@harpreet-VirtualBox:~$ ls
1          b.txt      friend       io         kas       man
24         cat.txt    harman.txt   j8.txt~    ki        mano.txt
a2.ttx     dce.txt    haru         jam.txt    ki~       man.txt
a2.txt4    dir1       help.txt     jas        kjo       mayu.txt
a...b}     dir5       hh           jasp.txt   kl        miet.txt
abcd       dirr       hhh          jatin      klk       Miet.txt
adi.txt    dirr2      hiii         ji         klo       min.txt
art.txt    Documents  hn           jkj        lplp      mki.txt
a.txt      files.txt  iiii         jmu.txt    lpu       mna.txt
a.txty     file.txt   il           kana       madam     mom.txt
harpreet@harpreet-VirtualBox:~$
```

16. rmdir< directory name> ---To delete a directory

```
harpreet@harpreet-VirtualBox:~$ mkdir jtt
harpreet@harpreet-VirtualBox:~$ cd jtt
harpreet@harpreet-VirtualBox:~/jtt$ mkdir me
harpreet@harpreet-VirtualBox:~/jtt$ mkdir yu
harpreet@harpreet-VirtualBox:~/jtt$ rmdir me
harpreet@harpreet-VirtualBox:~/jtt$ ls
yu
harpreet@harpreet-VirtualBox:~/jtt$
```

17.mv <old file> <new file>----to rename a file

```
harpreet@harpreet-VirtualBox:~/jtt$ touch kjj
harpreet@harpreet-VirtualBox:~/jtt$ mv kjj ab2
harpreet@harpreet-VirtualBox:~/jtt$ ls
ab2  yu
harpreet@harpreet-VirtualBox:~/jtt$
```

18.mv –n <filename> <path where to move>--to move a file but reject for overwriting if file already exists

```
harpreet@harpreet-VirtualBox:~/jtt$ mv -n miii ~/bro
harpreet@harpreet-VirtualBox:~/jtt$
```