Few Ubuntu terminal commands

1. pwd : Shows the present working directory
2. ls : Lists the directory in the current directory
3. cd : Changes directory to home directory
4. cd / : Changes directory to root directory
5. cd .. : Changes directory to the parent directory
6. ls -a: Displays all the files and directories including the hidden folders in the current folder
7. ls -l: Displays all the files with their details and permissions
8. ls -A: Displays all the files and directories except . and ..
9. ls -f: Displays the files in unsorted and without colour coding
10. man command: Displays the information regarding the commands and lists the argument that is possible
11. cat: Reads the text file
12. cat a b: Displays the information in both files a and b
13. cat a>b: Copies the information in a to b
14. cat -b filename: Displays the contents along with line number
15. mv oldname newname: Changes the directory name
16. clear: Clears the terminal
17. echo: Similar to print. Prints the value of the argument or the argument
18. touch: Creates a file
19. cal: Displays calendar with current day highlighted
20. date: Displays current days' time and date
21. mkdir: Creates a directory
22. rmdir: Removes a directory
23. mkdir -p folder1/2/3/4: Creates a multiple directory in a hierarchy
24. sort: Shows the content of a file in a sorted manner
25. tac file: Shows the file in reverse order
26. rm -rf folder: Removes the folder regardless the content in them
27. ls -lr: Combining two commands -l and -r
28. passwd: Used to change password
29. mv sourcefile targetfile: Used to copy the file from source to target
30. cp sourcefile targetfile: Used to copy the file from source to target
31. tree: Shows the directories in the directory and files
32. tree -c: Shows all directories and files sorted in lasted modified
33. tree -d: Shows only directories
34. tree -cd: Shows only directories sorted by last modified
35. commad - - help: Similar to man
36. sudo apt install packagename: Installs the package just being the user
37. sudo apt remobe packagename: Removes the package
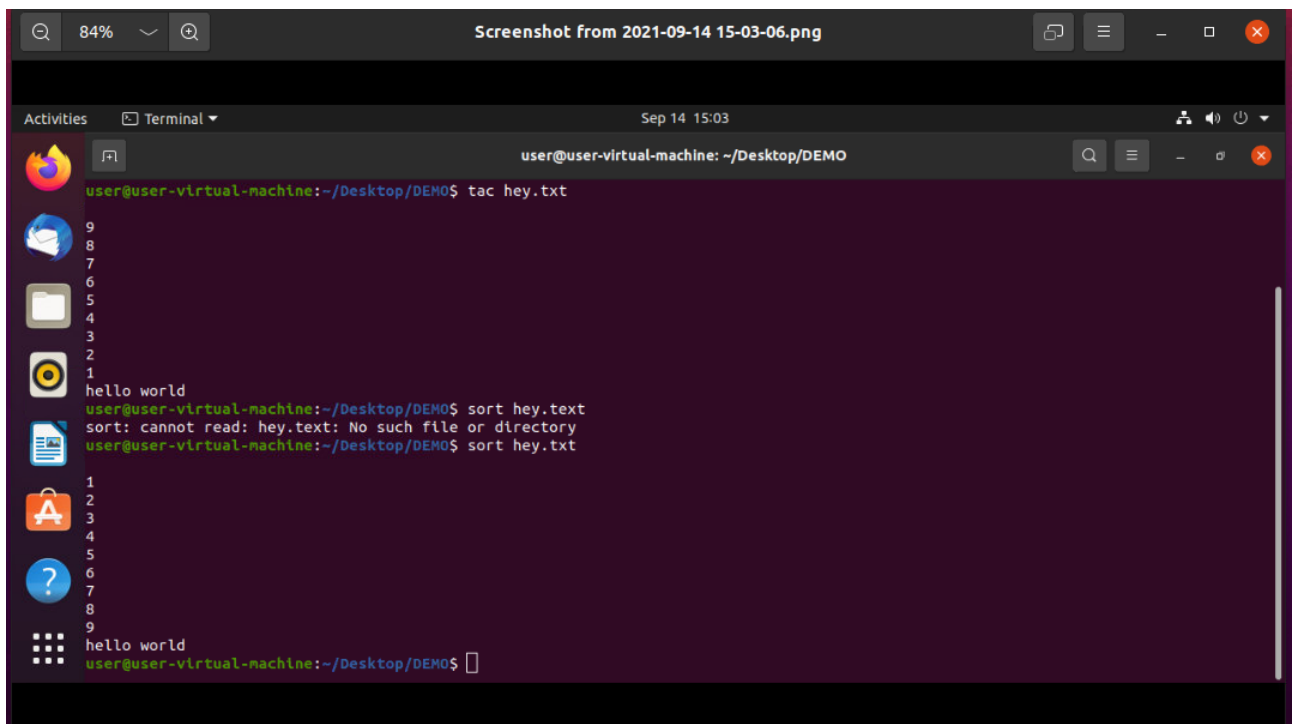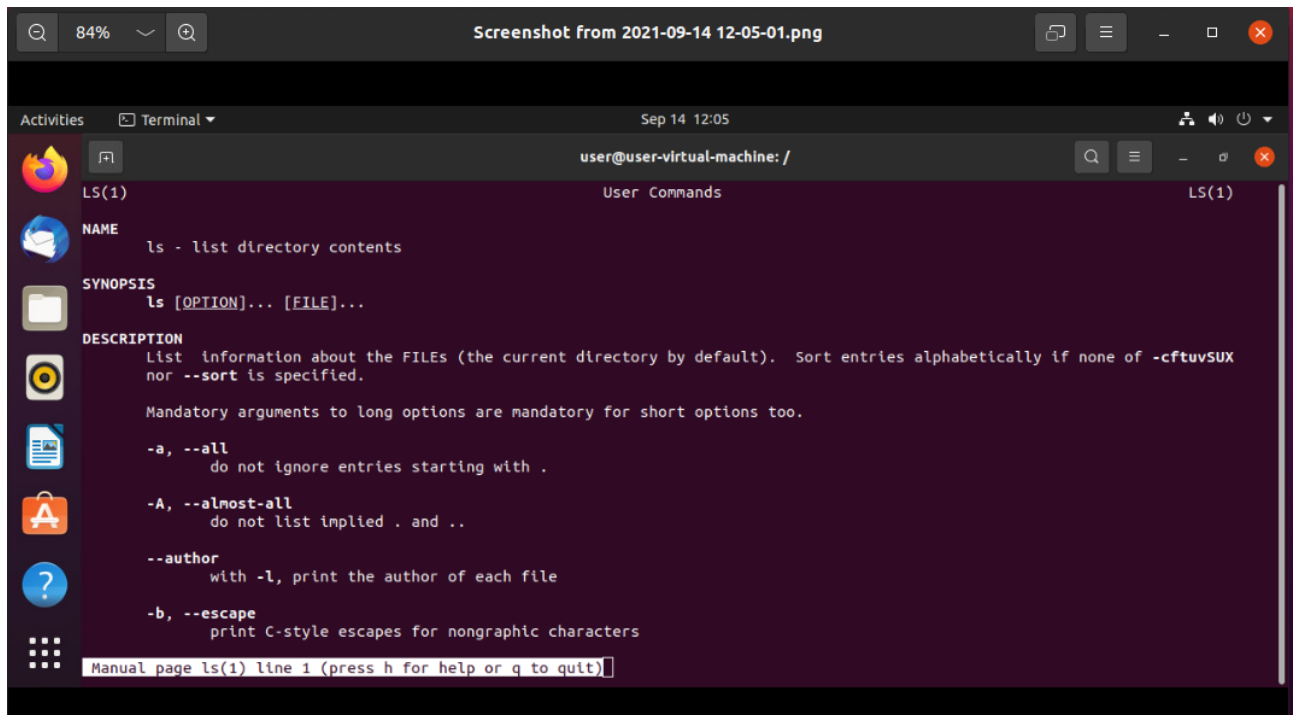
Screenshot from 2021-09-14 12-03-08.png

```
user@user-virtual-machine:~/Desktop$ pwd
/home/user/Desktop
user@user-virtual-machine:~/Desktop$ ls
user@user-virtual-machine:~/Desktop$ cd ..
user@user-virtual-machine:~$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos
user@user-virtual-machine:~$ ls -l
total 32
drwxr-xr-x 2 user user 4096 Aug 21 17:21 Desktop
drwxr-xr-x 2 user user 4096 Aug 21 17:21 Documents
drwxr-xr-x 2 user user 4096 Aug 21 17:21 Downloads
drwxr-xr-x 2 user user 4096 Aug 21 17:21 Music
drwxr-xr-x 2 user user 4096 Sep 14 11:47 Pictures
drwxr-xr-x 2 user user 4096 Aug 21 17:21 Public
drwxr-xr-x 2 user user 4096 Aug 21 17:21 Templates
drwxr-xr-x 2 user user 4096 Aug 21 17:21 Videos
user@user-virtual-machine:~$ ls -f
Public      Downloads   .profile   .ssh      .bashrc  Music   .sudo_as_admin_successful  .bash_history  Desktop
Templates   .config     Videos     .cache    .gnupg   ..      .       Documents              .bash_logout   Pictures
user@user-virtual-machine:~$ ls -a
.           .bash_history  .bashrc    Documents  .gnupg  Music   .profile  .ssh                      Templates
..          .bash_logout   .cache     Desktop    Downloads  .local  Pictures  Public  .sudo_as_admin_successful  Videos
user@user-virtual-machine:~$ ls -A
.bash_history  .bashrc   .config   Documents  .gnupg  Music   .profile  .ssh                      Templates
.bash_logout   .cache    Desktop   Downloads  .local  Pictures  Public   .sudo_as_admin_successful  Videos
user@user-virtual-machine:~$
```



```
user@user-virtual-machine:~/Desktop/DEMO$ cal
    September 2021
Su Mo Tu We Th Fr Sa
          1  2  3  4
 5  6  7  8  9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30

user@user-virtual-machine:~/Desktop/DEMO$ date
Tuesday 14 September 2021 03:57:55 PM IST
user@user-virtual-machine:~/Desktop/DEMO$ echo $PATH
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin
user@user-virtual-machine:~/Desktop/DEMO$ echo Hello universe
Hello universe
user@user-virtual-machine:~/Desktop/DEMO$
```



```
user@user-virtual-machine:~/Desktop/DEMO$ cat -b hey.txt
     1  hello world
     2  1
     3  2
     4  3
     5  4
     6  5
     7  6
     8  7
     9  8
    10  9
user@user-virtual-machine:~/Desktop/DEMO$
```

Activities   Terminal ▾   Sep 14 12:05

user@user-virtual-machine: /

```
LS(1)                          User Commands                          LS(1)

NAME
       ls - list directory contents

SYNOPSIS
       ls [OPTION]... [FILE]...

DESCRIPTION
       List  information about the FILEs (the current directory by default).  Sort entries alphabetically if none of -cftuvSUX
       nor --sort is specified.

       Mandatory arguments to long options are mandatory for short options too.

       -a, --all
              do not ignore entries starting with .

       -A, --almost-all
              do not list implied . and ..

       --author
              with -l, print the author of each file

       -b, --escape
              print C-style escapes for nongraphic characters

Manual page ls(1) line 1 (press h for help or q to quit)
```

Activities   Terminal ▾   Sep 14 15:03

user@user-virtual-machine: ~/Desktop/DEMO

```
user@user-virtual-machine:~/Desktop/DEMO$ tac hey.txt

9
8
7
6
5
4
3
2
1
hello world
user@user-virtual-machine:~/Desktop/DEMO$ sort hey.text
sort: cannot read: hey.text: No such file or directory
user@user-virtual-machine:~/Desktop/DEMO$ sort hey.txt

1
2
3
4
5
6
7
8
9
hello world
user@user-virtual-machine:~/Desktop/DEMO$
```

```
user@user-virtual-machine:~/Desktop$ rmdir hello
user@user-virtual-machine:~/Desktop$ tree
.
└── DEMO
    ├── 1
    ├── 3
    ├── 4
    ├── hello.txt
    └── hey.txt

1 directory, 5 files
user@user-virtual-machine:~/Desktop$ tree -d
.
└── DEMO

1 directory
user@user-virtual-machine:~/Desktop$ tree -cd
.
└── DEMO

1 directory
user@user-virtual-machine:~/Desktop$ tree -c
.
└── DEMO
    ├── hello.txt
    ├── 1
    ├── hey.txt
    ├── 3
    └── 4

1 directory, 5 files
user@user-virtual-machine:~/Desktop$
```

```
user@user-virtual-machine:~/Desktop$ ls --help
Usage: ls [OPTION]... [FILE]...
List information about the FILEs (the current directory by default).
Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.

Mandatory arguments to long options are mandatory for short options too.
  -a, --all                  do not ignore entries starting with .
  -A, --almost-all           do not list implied . and ..
      --author               with -l, print the author of each file
  -b, --escape               print C-style escapes for nongraphic characters
      --block-size=SIZE      with -l, scale sizes by SIZE when printing them;
                               e.g., '--block-size=M'; see SIZE format below
  -B, --ignore-backups       do not list implied entries ending with ~
  -c                         with -lt: sort by, and show, ctime (time of last
                               modification of file status information);
                               with -l: show ctime and sort by name;
                               otherwise: sort by ctime, newest first
  -C                         list entries by columns
      --color[=WHEN]         colorize the output; WHEN can be 'always' (default
                               if omitted), 'auto', or 'never'; more info below
  -d, --directory            list directories themselves, not their contents
  -D, --dired                generate output designed for Emacs' dired mode
  -f                         do not sort, enable -aU, disable -ls --color
  -F, --classify             append indicator (one of */=>@|) to entries
      --file-type            likewise, except do not append '*'
      --format=WORD          across -x, commas -m, horizontal -x, long -l,
                               single-column -1, verbose -l, vertical -C
      --full-time            like -l --time-style=full-iso
  -g                         like -l, but do not list owner
      --group-directories-first
                             group directories before files;
                               can be augmented with a --sort option, but any
```

```
user@user-virtual-machine:~$ passwd
Changing password for user.
Current password:
New password:
Retype new password:
passwd: password updated successfully
user@user-virtual-machine:~$
```

```
cd..: command not found
user@user-virtual-machine:~/Desktop$ cd ..
user@user-virtual-machine:~$ sudo apt install tree
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  tree
0 upgraded, 1 newly installed, 0 to remove and 290 not upgraded.
Need to get 43.0 kB of archives.
After this operation, 115 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 tree amd64 1.8.0-1 [43.0 kB]
Fetched 43.0 kB in 0s (188 kB/s)
Selecting previously unselected package tree.
(Reading database ... 183361 files and directories currently installed.)
Preparing to unpack .../tree_1.8.0-1_amd64.deb ...
Unpacking tree (1.8.0-1) ...
Setting up tree (1.8.0-1) ...
Processing triggers for man-db (2.9.1-1) ...
user@user-virtual-machine:~$ sudo apt-get remove tree
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages will be REMOVED:
  tree
0 upgraded, 0 newly installed, 1 to remove and 290 not upgraded.
After this operation, 115 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 183368 files and directories currently installed.)
Removing tree (1.8.0-1) ...
Processing triggers for man-db (2.9.1-1) ...
```