create a file :

    cat > s.txt

dog

cat

lion

tiger

dog

Dog

deer

ape

monkey

APE

bear

Grep commands

SYNTAX :

    grep someline or someword filename.

Description : grep command is used to print the request red word.

Example : grep dog s.txt

Output : dog
         dog

Syntax : grep -i word filename.

Description : This command is used to print the requested word by ignoring the case (lowercase or uppercase).

Example : grep -i word dog s.txt ,

     grep -i ape s.txt.

Output : dog   ape
         dog   APE.
         Dog

3. Syntax : grep - v word filename.

Description : This command display all the contents in the file and by excluding the word given in the command.

Example : grep - v dog s.tnt

Output :

cat
lion
tiger
Dog
deer
ape
Monkey
APE
bear

4. Syntax

grep - c word filename

Description : This command is used to display the content of the no. of times the given word is present in the file.

Example : grep - c dog s.tnt

Output : 2

5. Syntax : grep - n word filename

Description : This command is used to specify the line in which the word is presone.

Example : grep -n dog s.tat

Output : 1 : dog
         5 : dog

ftp commands

6. Syntax : ftp 10.1.3.120

Description : This is used to connect to the ftp
server

Output : connected to 10.1.3.120
         220 - welcome to Home ftp server!
         220 - server ready

Name (10.1.3.120 : student) : student

331 password required for student

password
230, user student logged in.

7. ls :

150 opening data connection for directory list

drw-rw-rw-   1 ftp 0   Dec 19   2022
drw-rw-rw-   1 ftp 0   Dec 14   2022
-rw-rw-rw   1 ftp 270 Dec 25   2022 123.txt
-rwxww xrwx   1 ftp 77256616 Nov 09 2022
                              wireshark -
                              win 64-3.6.7.exe

236 file sent ok.

8. Syntax : ftp > pwd

Description : This is used to print the working
directory (currently)

Output : 257 "/" is current directory.

9. Syntax : ftp > cd directory

Description : This is used to move to another directory

Example : cd Matlab

output : 250 cwd command successful "/Matlab!
is current directory;

10. Syntax : ftp > cd ...

Description : This command is used to go to the previous directory

11. syntax : ftp > get filename

Description : This command is used to receive the specified file.

Example : ftp > get 123.txt

output : local : 123.txt   remote : 123.txt
200 port command successful
150 opening data connection for
123.txt
226 File sent ok.
270 bytes received in 0.00
sec (3.0654 MB/s)

12. Syntax : ftp > mget filename1 filename2

Description : This command is used to get multiple file in a single command.

Example : mget uninsooo.exe 123.txt

output : mget uninsooo.exe ? y
200 port command successful
150 opening data connection for
uninsooo.exe
226 file sent ok.
↑ 10499 bytes received in 0.03
sec (25.7361 MB/s)

mget 123.txt ? y

200 port command successful

150 opening data connection for 123.txt

226 file sent ok.

270 bytes received in 0.00sec (3.0654 MB/s)

13. Syntax: ftp > quit

Description: This command is used to quit from the ftp server.

Output: 221 Good bye.

Curl commands

14. Syntax: curl url

Description: This command is used to return the HTML code for the corresponding url.

Example: curl www.google.com

Output: <!doctype html> < html itemscope= " " itemtype = "http://schema.org/webpage" lang = "en-IN "> < head> < meta content = " tent/html; charset = UTF-8" http-equix= " content - Type "> < /script > </body></html>

15. Syntax: curl url → filename.html

Description: This command is used to store the output of the url in the same extension with a filename.

Example: curl www.google.com -o a.html

Output:

% Total	% Received	%* terred	Average Speed Dload	upload	Time Total
100	16899	0	0	42090	0......
100	16899	0	16899	0	0

Time spent .... Time left --:--:-- current speed ...:.. 48090

Wget commands

16. **Syntax:** wget url

Description: This command is used to retrieve content and files from various web servers.

Example: wget www.google.com

Output:

```
--2023-01-31    10:131:41 --http://www.google.com/
Resolving www.google.com (www.google.com)
..... 142.250.193.100, 2404:6800:4009:810:2004
HTTP request sent, awaiting response .... 200Ok
length: unspecified [tent/html]
saving to : 'index.html'
2023-01-31    10:13:42 (914 kB/s) - 'index.html'
                                    saved [16315].
```

17. **Syntax:** wget url.path-to.file-download

Description: This command is used to download the file from the server.

Example: wget https://sourceforge.net/projects/orwell devcpp|files|lastest/download.

```
--2023-01-31    10:20:01 --http://sourceforge.
net|projects|orwelldevcpp|files(latest|download
Resolving sourceforge.net (sourceforge.net)
HTTP request send, awaiting response ...302
found.
saving to : "download"
2023-01-31    to 10:20:29 (1.814 MB/s) -
                    'download' saved.
```

18. Syntax : wget url -o filename .extension
Description : This command is used to store
the output of a url into a file.
Example : wget https ://sourceforge.net /
projects/orwelldevcpp/ files/latest/
download -oci.ene

fetch

RESULT :
 Thus the Advanced Linux commands like
grep, curl, wget, ttp has been
executed successfully.