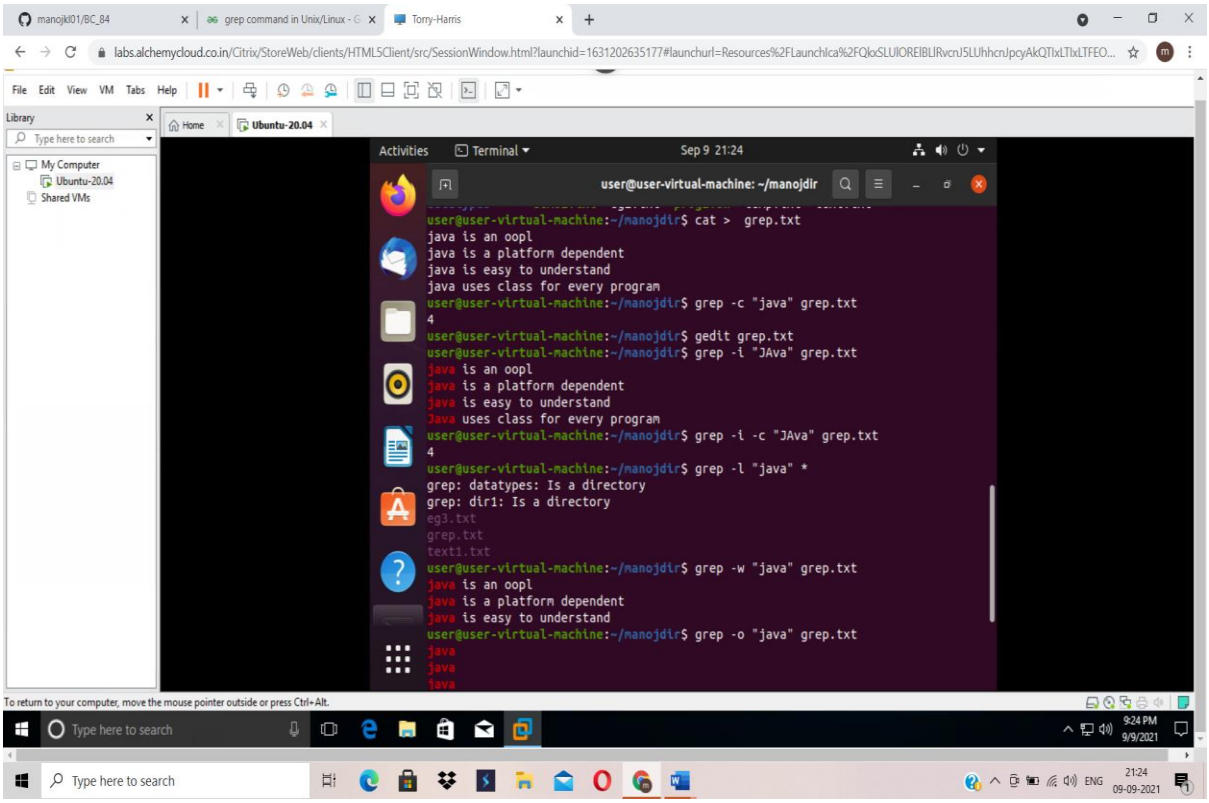
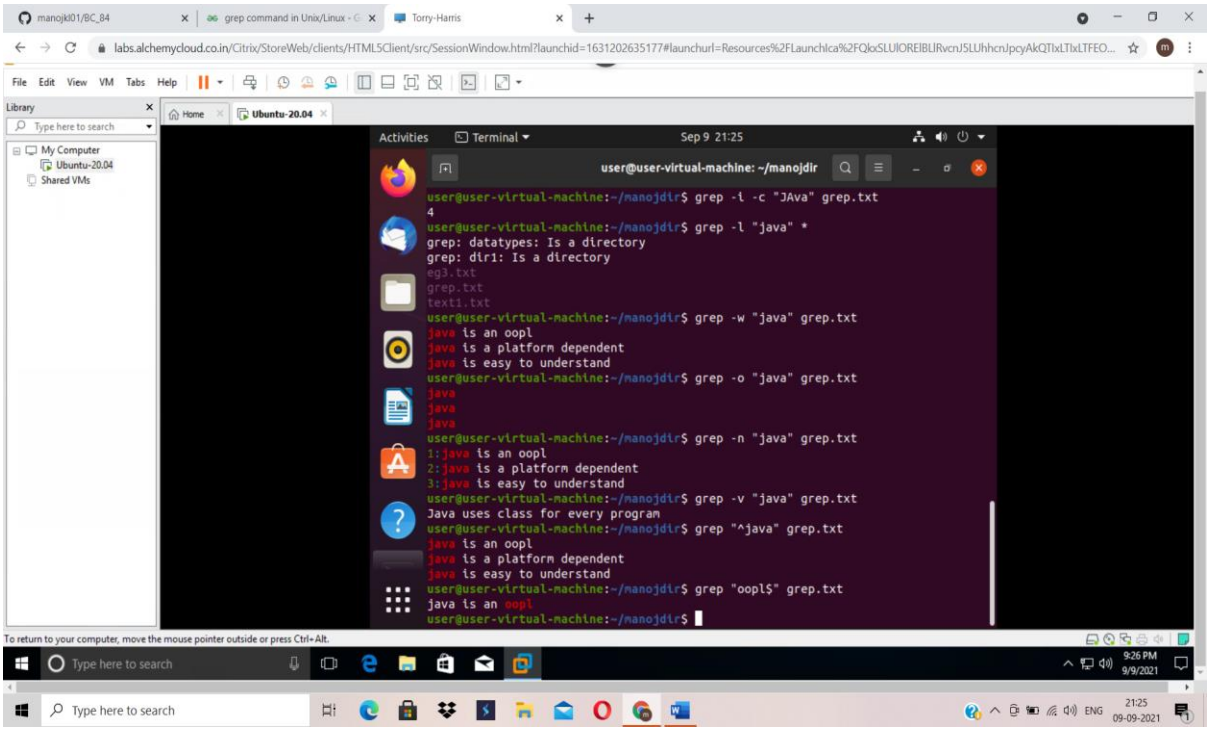
MANOJ KUMAR D

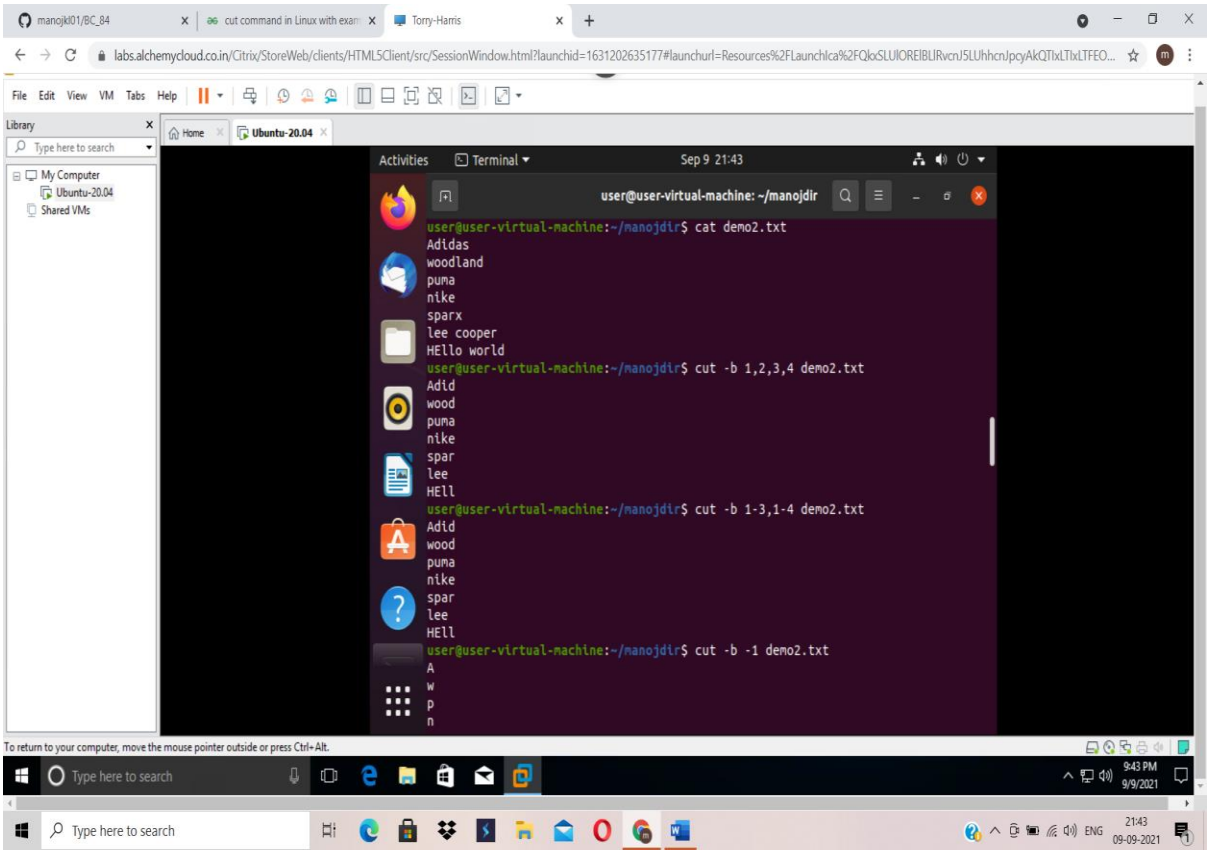
UNIX Commands part-2

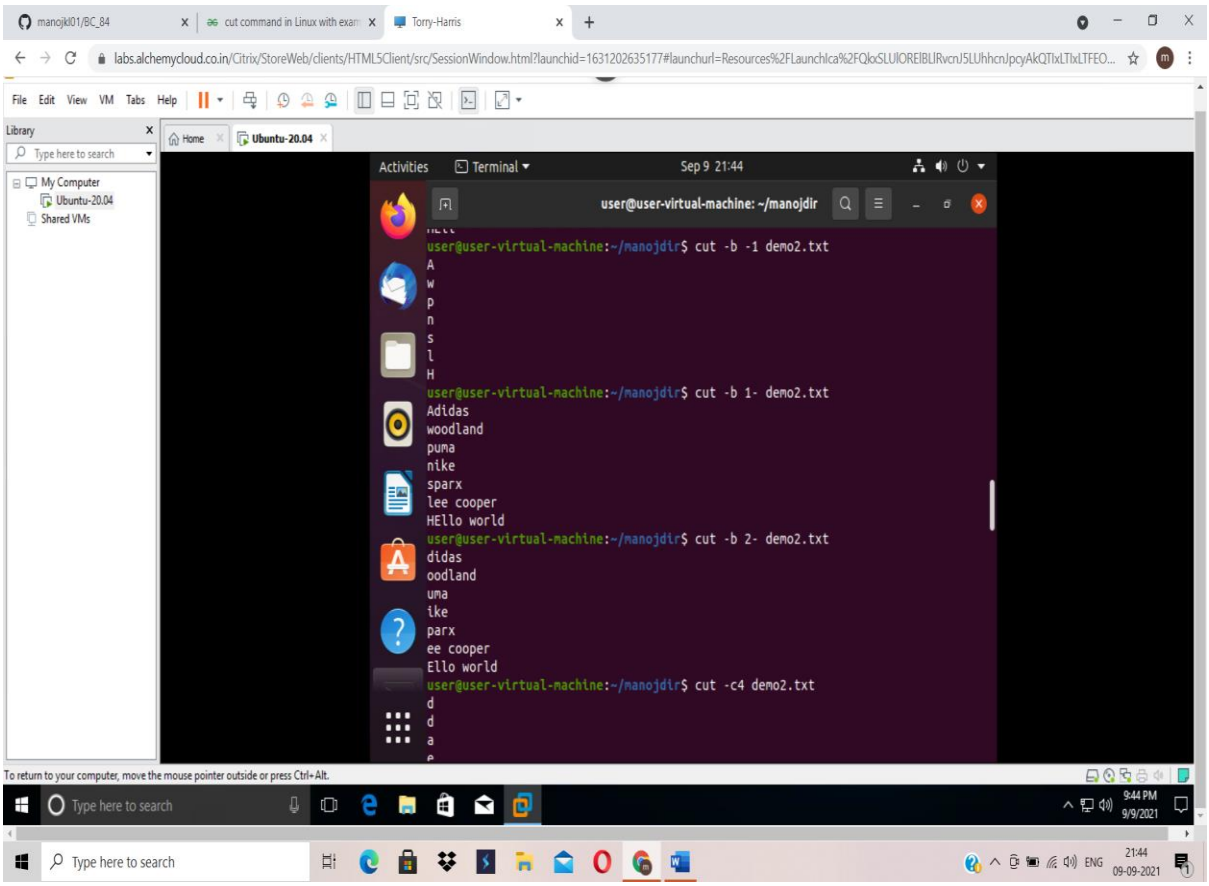
1) Grep command:

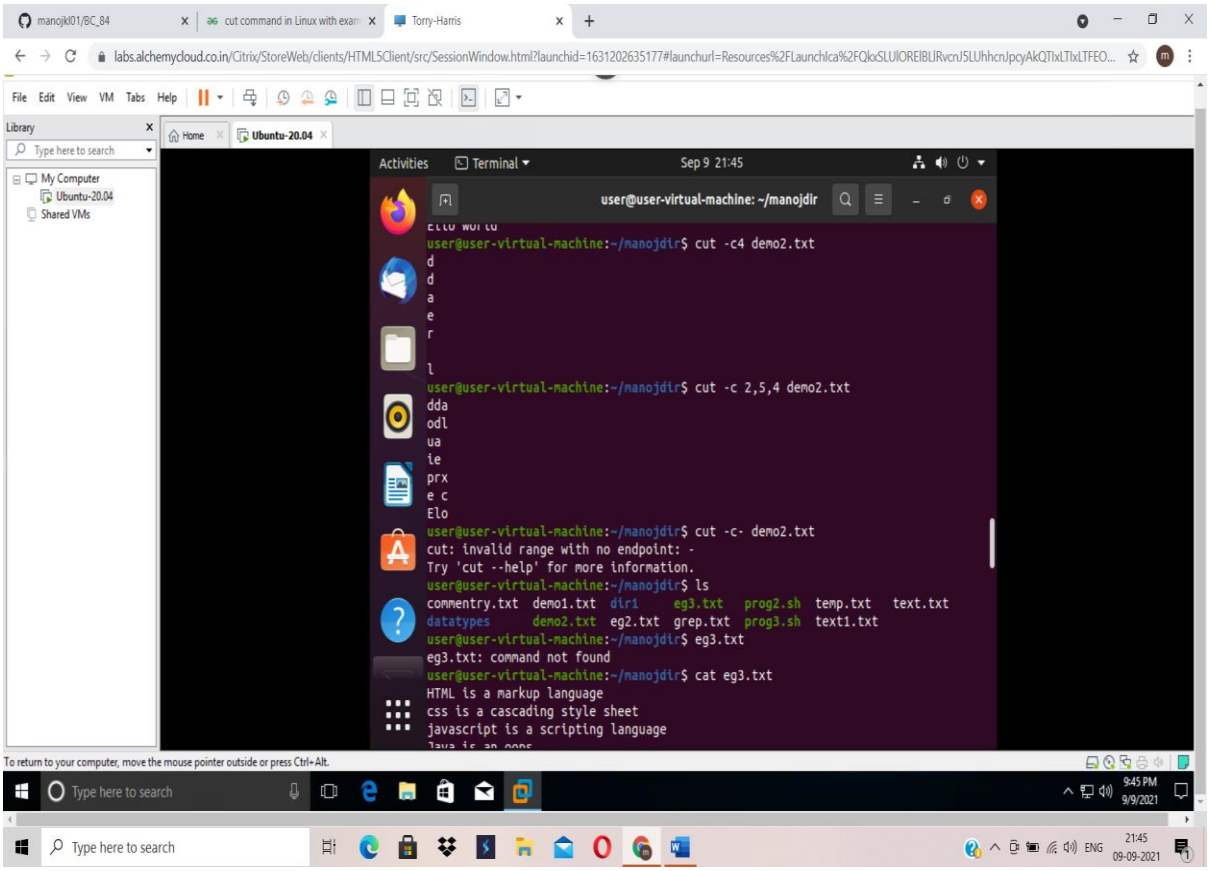


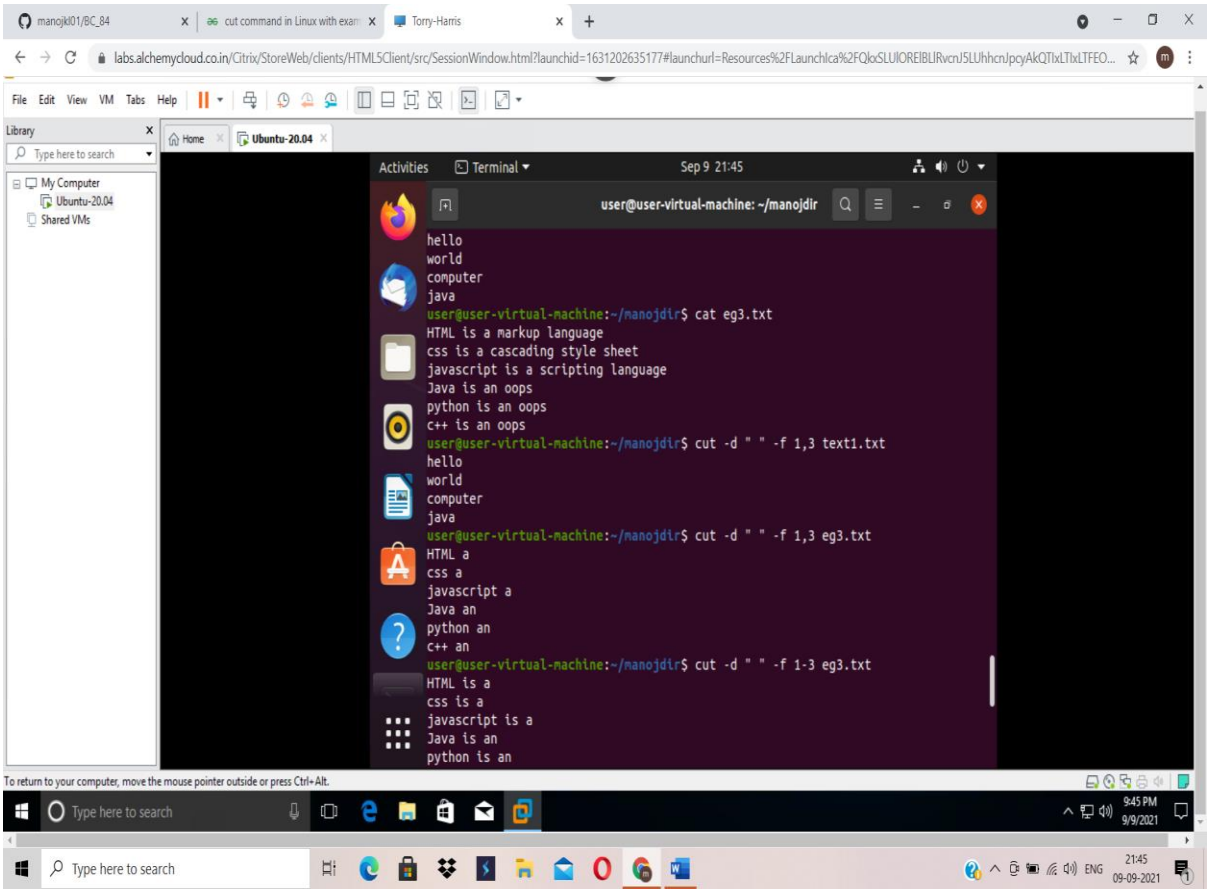


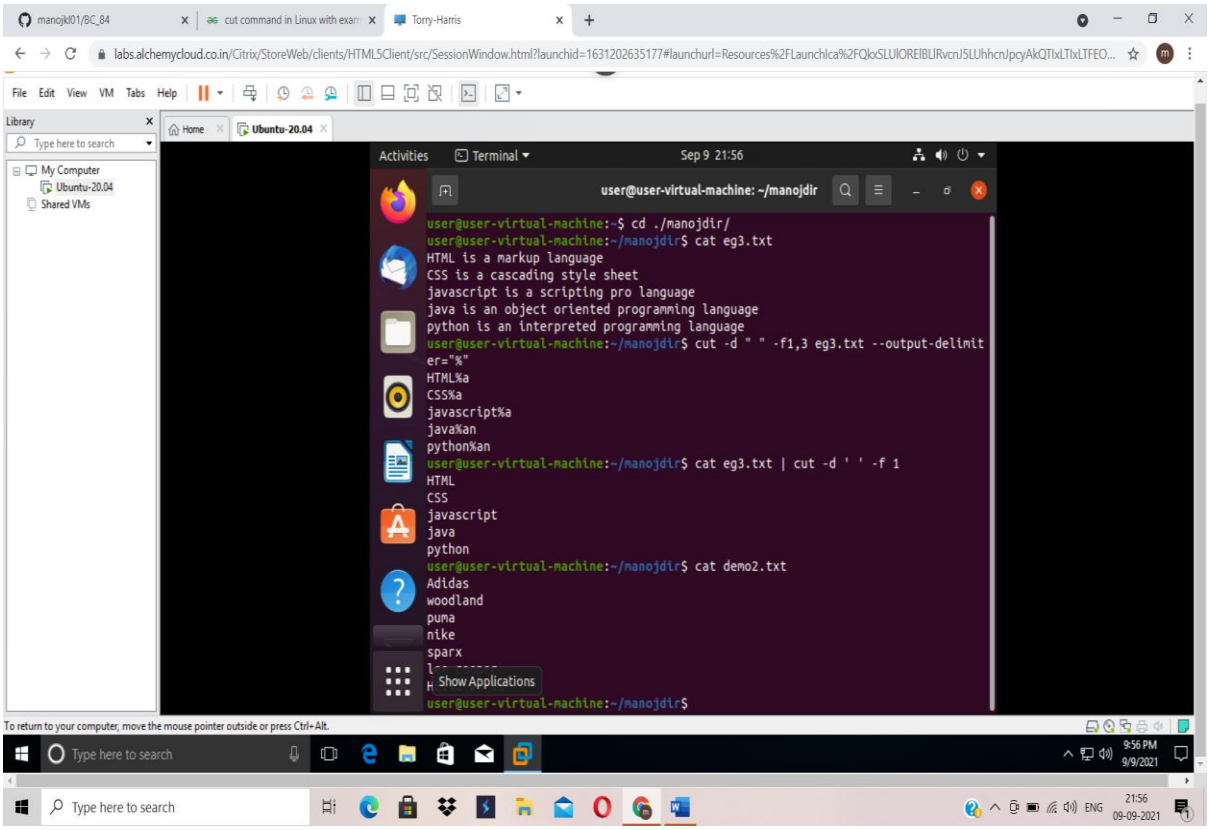
2) Cut command:



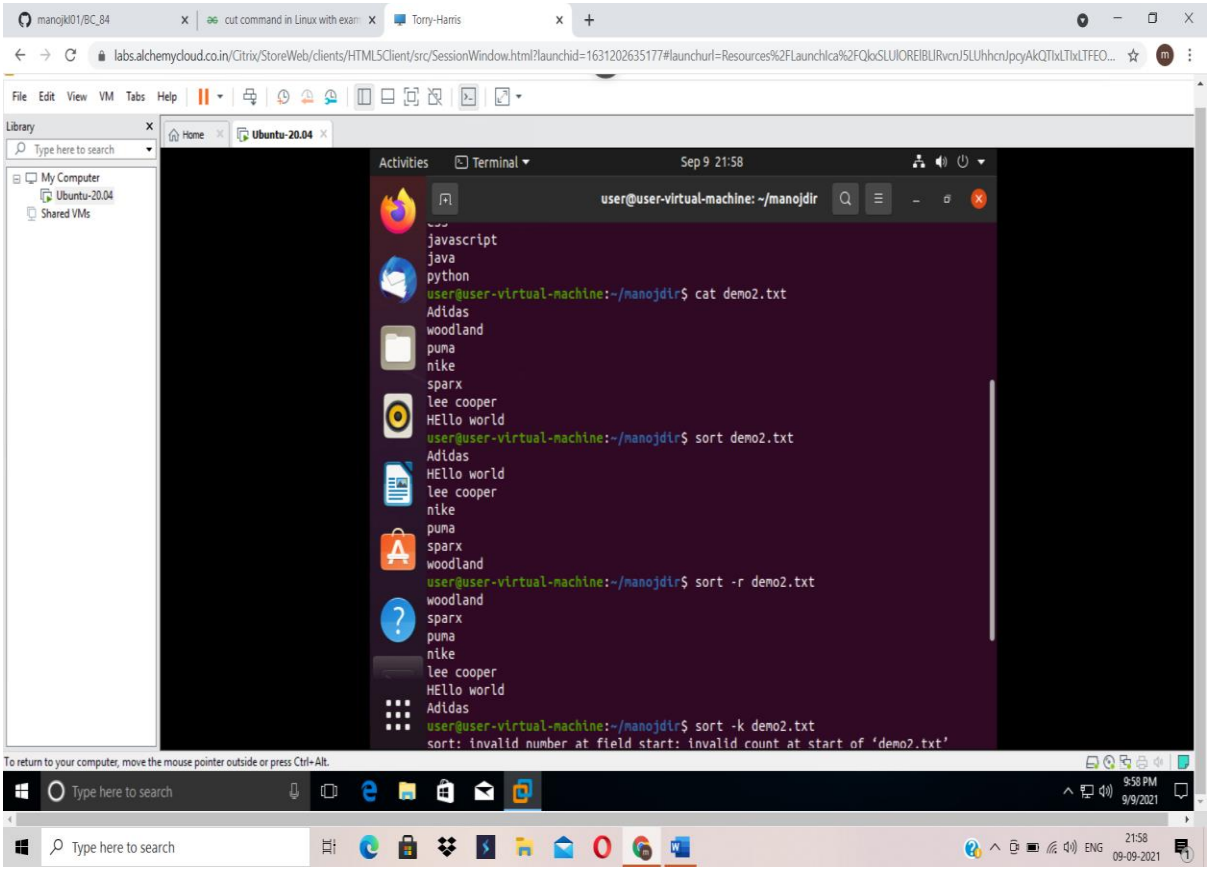


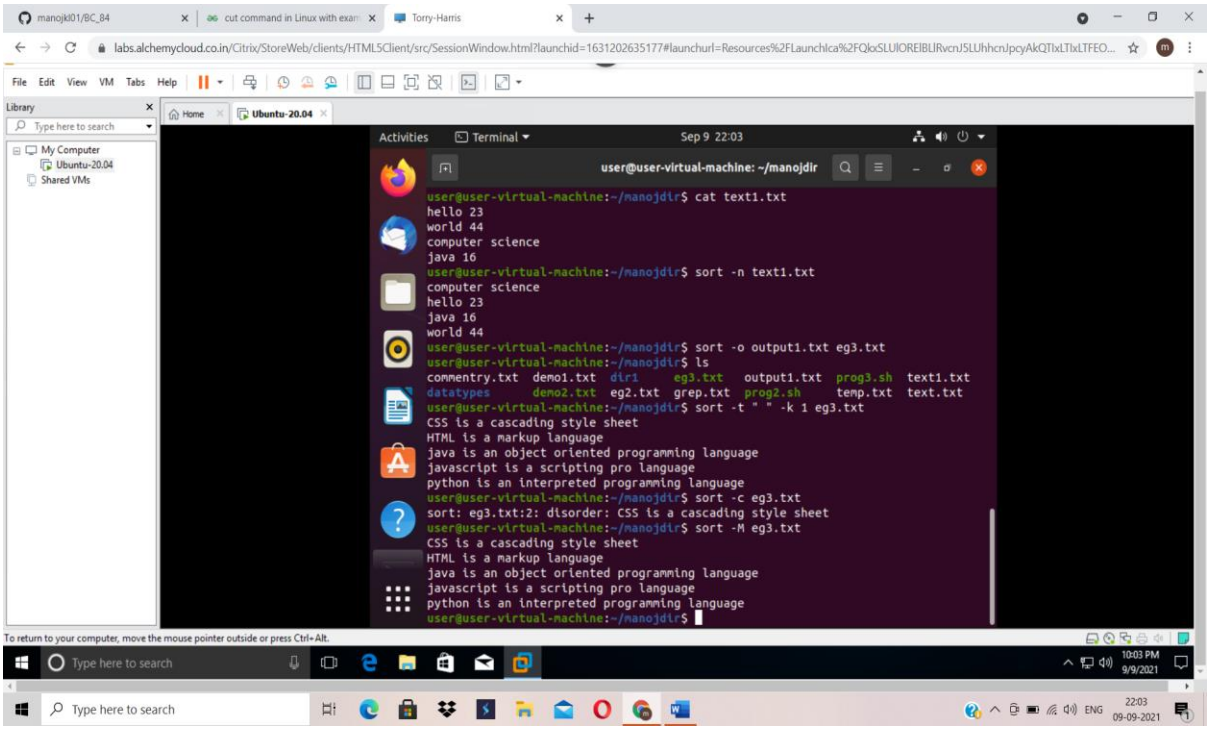

manojkl01/BC_84
cut command in Linux with exam
Torry-Harris
labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631202635177#launchurl=Resources%2FLaunchIca%2FQkxSLUlOREIBLIRvcnJ5LUhhcnJpcyAkQTIxLTIxLTFEO...
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu-20.04
Shared VMs
Home
Ubuntu-20.04
Activities
Terminal
Sep 9 21:45
user@user-virtual-machine: ~/manojdir
user@user-virtual-machine:~/manojdir$ cut -c4 demo2.txt
d
d
a
e
r
l
user@user-virtual-machine:~/manojdir$ cut -c 2,5,4 demo2.txt
dda
odl
ua
ie
prx
e c
Elo
user@user-virtual-machine:~/manojdir$ cut -c- demo2.txt
cut: invalid range with no endpoint: -
Try 'cut --help' for more information.
user@user-virtual-machine:~/manojdir$ ls
commentry.txt demo1.txt dir1 eg3.txt prog2.sh temp.txt text.txt
datatypes demo2.txt eg2.txt grep.txt prog3.sh text1.txt
user@user-virtual-machine:~/manojdir$ eg3.txt
eg3.txt: command not found
user@user-virtual-machine:~/manojdir$ cat eg3.txt
HTML is a markup language
css is a cascading style sheet
javascript is a scripting language
To return to your computer, move the mouse pointer outside or press Ctrl+Alt.
Type here to search
9:45 PM
9/9/2021
Type here to search
ENG
21:45
09-09-2021


manojkl01/BC_84
cut command in Linux with exam
Torry-Harris
labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631202635177#launchurl=Resources%2FLaunchIca%2FQkxSLUlOREIBLIRvcnJ5LUhhcnJpcyAkQTIxLTIxLTFEO...
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu-20.04
Shared VMs
Home
Ubuntu-20.04
Activities
Terminal
Sep 9 21:45
user@user-virtual-machine: ~/manojdir
hello
world
computer
java
user@user-virtual-machine:~/manojdir$ cat eg3.txt
HTML is a markup language
css is a cascading style sheet
javascript is a scripting language
Java is an oops
python is an oops
c++ is an oops
user@user-virtual-machine:~/manojdir$ cut -d " " -f 1,3 text1.txt
hello
world
computer
java
user@user-virtual-machine:~/manojdir$ cut -d " " -f 1,3 eg3.txt
HTML a
css a
javascript a
Java an
python an
c++ an
user@user-virtual-machine:~/manojdir$ cut -d " " -f 1-3 eg3.txt
HTML is a
css is a
javascript is a
Java is an
python is an
To return to your computer, move the mouse pointer outside or press Ctrl+Alt.
Type here to search
9:45 PM
9/9/2021
Type here to search
ENG
21:45
09-09-2021

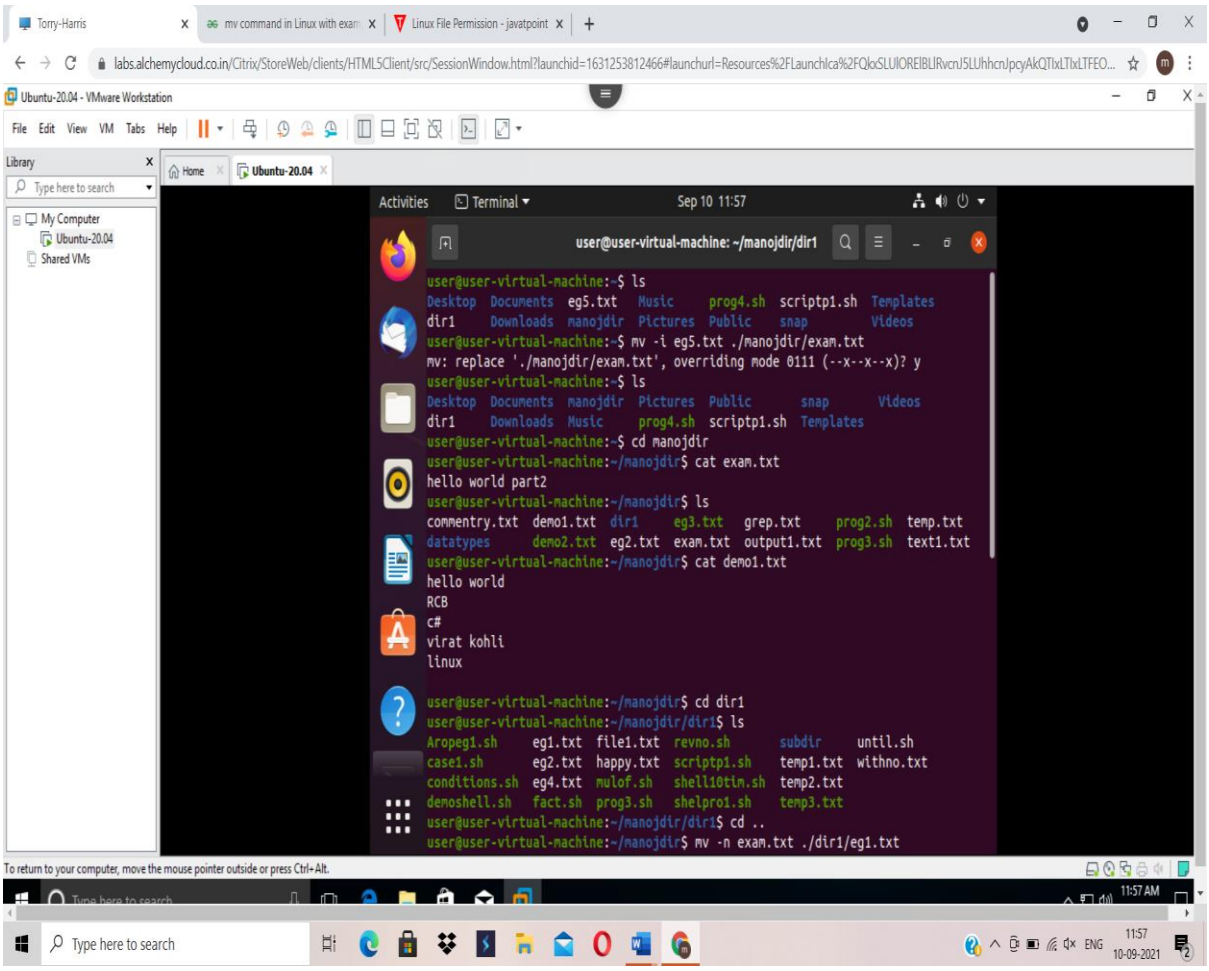


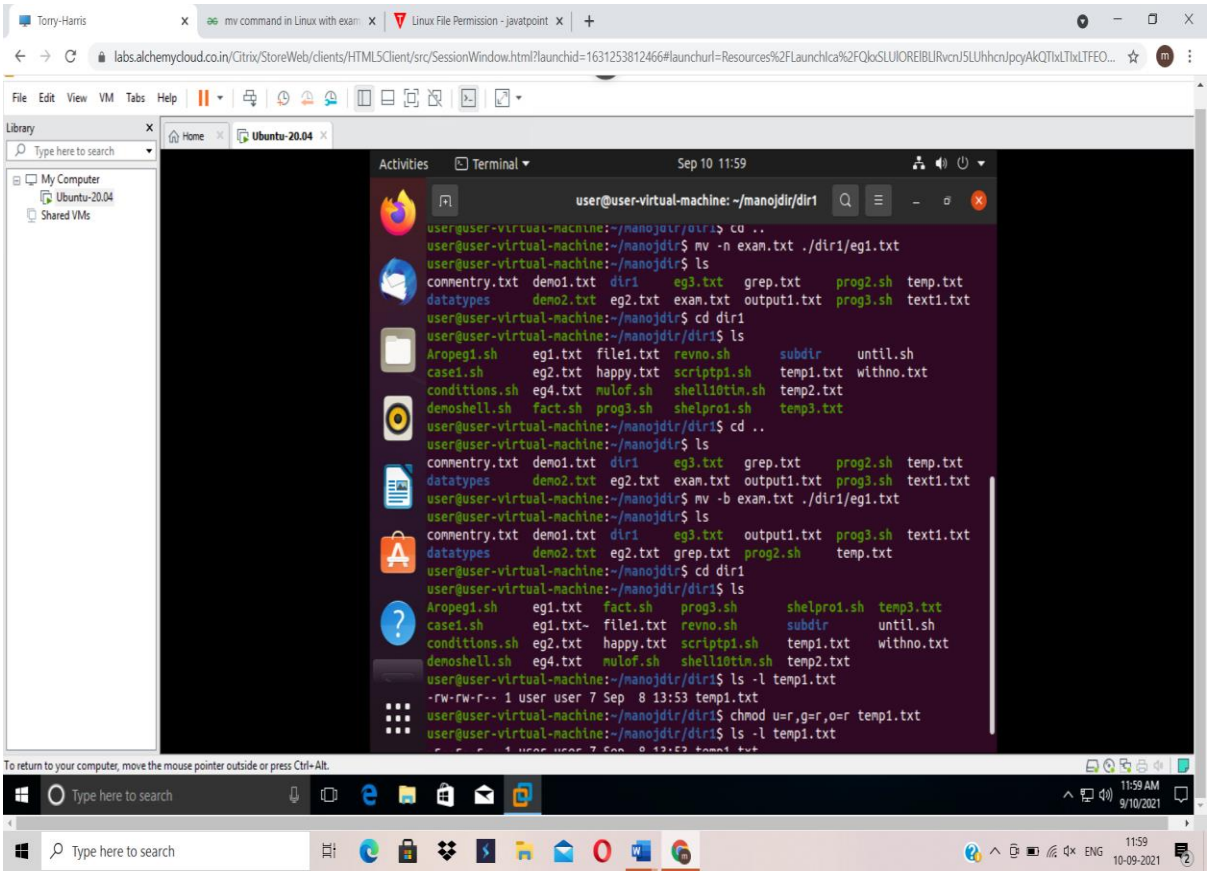
3) Sort command:

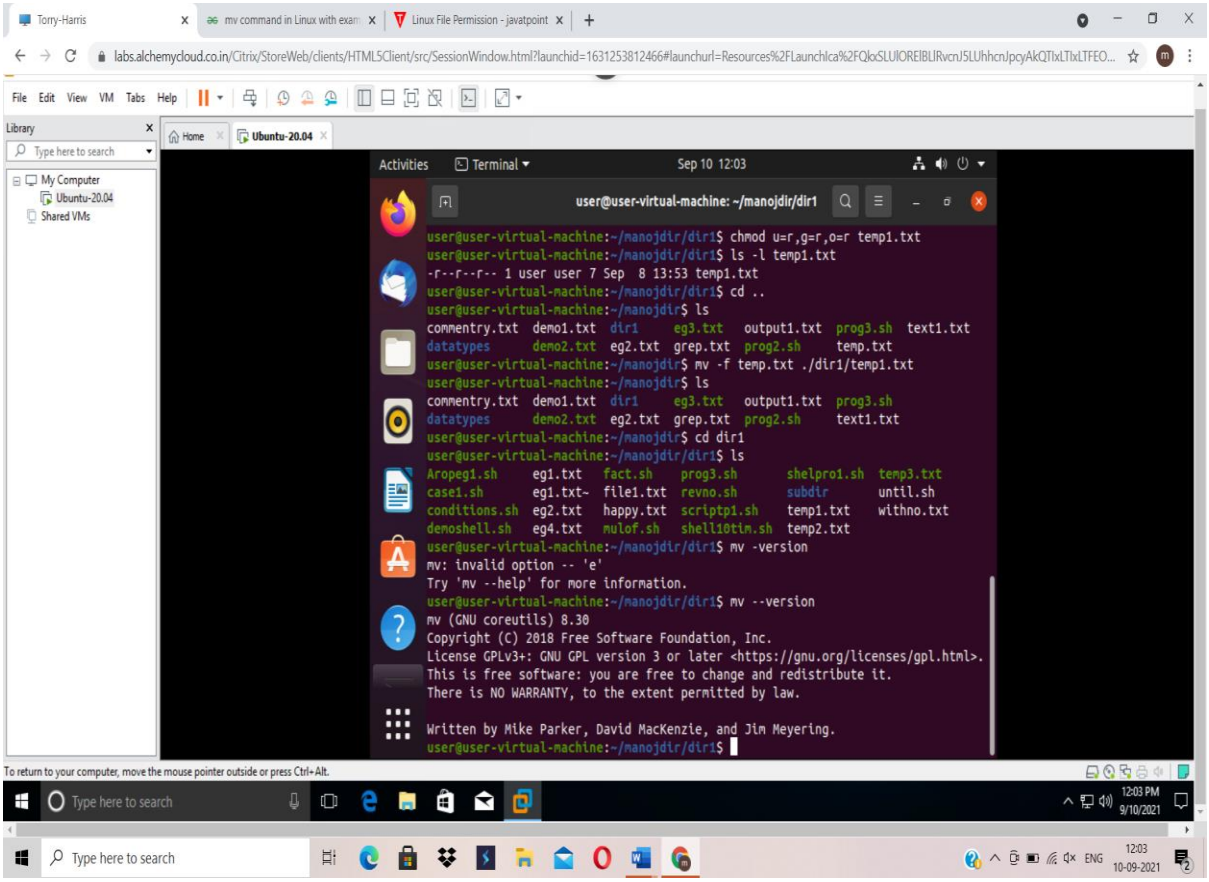




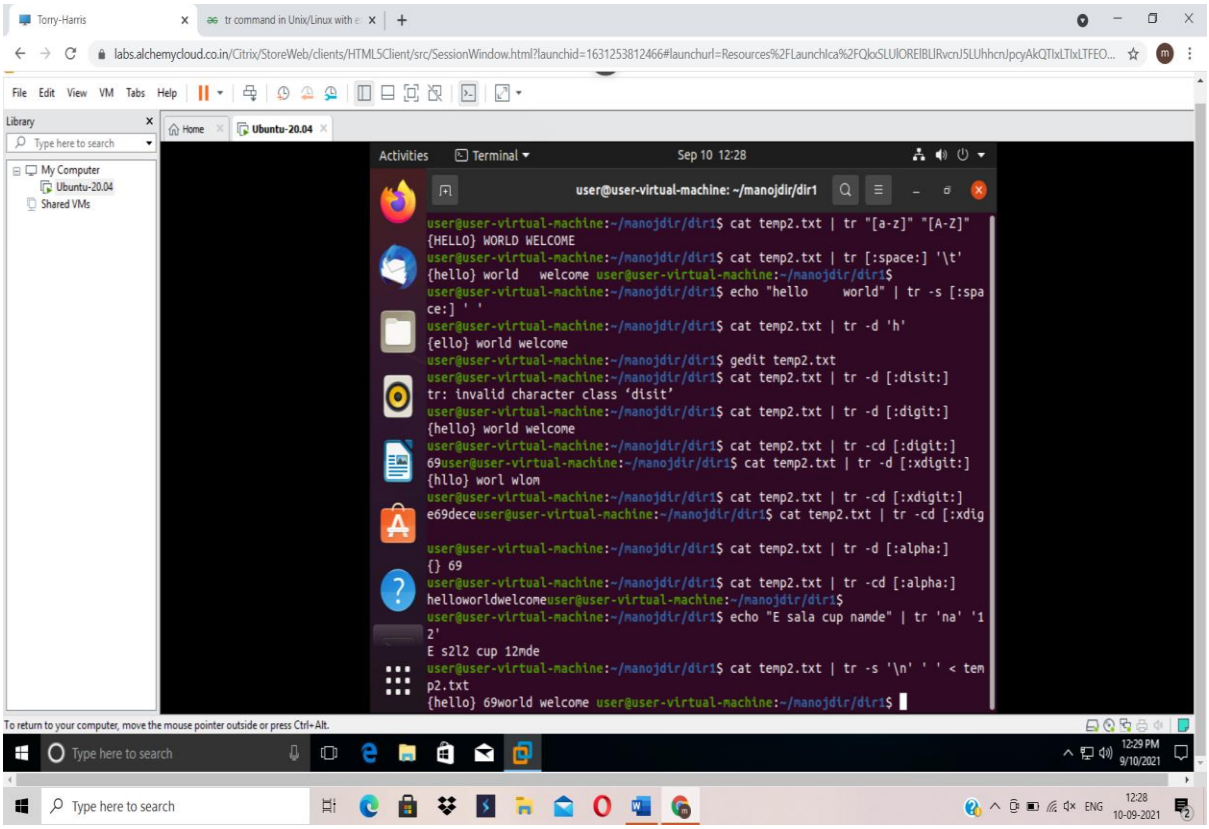
4) <u>Move command:</u>



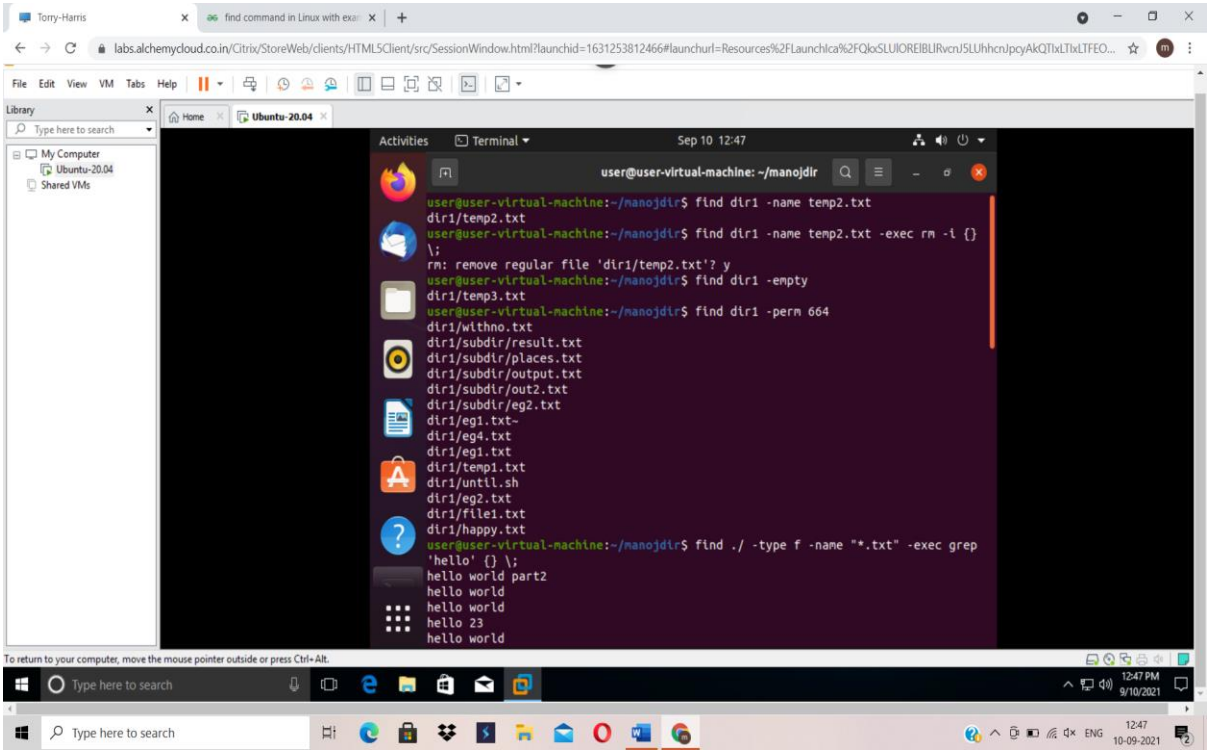

Torry-Harris
mv command in Linux with exam
Linux File Permission - javatpoint
labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631253812466#launchurl=Resources%2FLaunchIca%2FQkxSLUlOREIBLIRvcnJ5LUhhcnJpcyAkQTIxLTIxLTFEO...
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu-20.04
Shared VMs
Home
Ubuntu-20.04
Activities
Terminal
Sep 10 11:59
user@user-virtual-machine: ~/manojdir/dir1
user@user-virtual-machine:~/manojdir$ mv -n exam.txt ./dir1/eg1.txt
user@user-virtual-machine:~/manojdir$ ls
commentry.txt demo1.txt dir1 eg3.txt grep.txt prog2.sh temp.txt
datatypes demo2.txt eg2.txt exam.txt output1.txt prog3.sh text1.txt
user@user-virtual-machine:~/manojdir$ cd dir1
user@user-virtual-machine:~/manojdir/dir1$ ls
Aropeg1.sh eg1.txt file1.txt revno.sh subdir until.sh
case1.sh eg2.txt happy.txt scriptp1.sh temp1.txt withno.txt
conditions.sh eg4.txt mulof.sh shell10tim.sh temp2.txt
demoshell.sh fact.sh prog3.sh shelpro1.sh temp3.txt
user@user-virtual-machine:~/manojdir/dir1$ cd ..
user@user-virtual-machine:~/manojdir$ ls
commentry.txt demo1.txt dir1 eg3.txt grep.txt prog2.sh temp.txt
datatypes demo2.txt eg2.txt exam.txt output1.txt prog3.sh text1.txt
user@user-virtual-machine:~/manojdir$ mv -b exam.txt ./dir1/eg1.txt
user@user-virtual-machine:~/manojdir$ ls
commentry.txt demo1.txt dir1 eg3.txt output1.txt prog3.sh text1.txt
datatypes demo2.txt eg2.txt grep.txt prog2.sh temp.txt
user@user-virtual-machine:~/manojdir$ cd dir1
user@user-virtual-machine:~/manojdir/dir1$ ls
Aropeg1.sh eg1.txt fact.sh prog3.sh shelpro1.sh temp3.txt
case1.sh eg1.txt~ file1.txt revno.sh subdir until.sh
conditions.sh eg2.txt happy.txt scriptp1.sh temp1.txt withno.txt
demoshell.sh eg4.txt mulof.sh shell10tim.sh temp2.txt
user@user-virtual-machine:~/manojdir/dir1$ ls -l temp1.txt
-rw-rw-r-- 1 user user 7 Sep 8 13:53 temp1.txt
user@user-virtual-machine:~/manojdir/dir1$ chmod u=r,g=r,o=r temp1.txt
user@user-virtual-machine:~/manojdir/dir1$ ls -l temp1.txt
To return to your computer, move the mouse pointer outside or press Ctrl+Alt.
Type here to search
11:59 AM
9/10/2021
Type here to search
ENG
11:59
10-09-2021

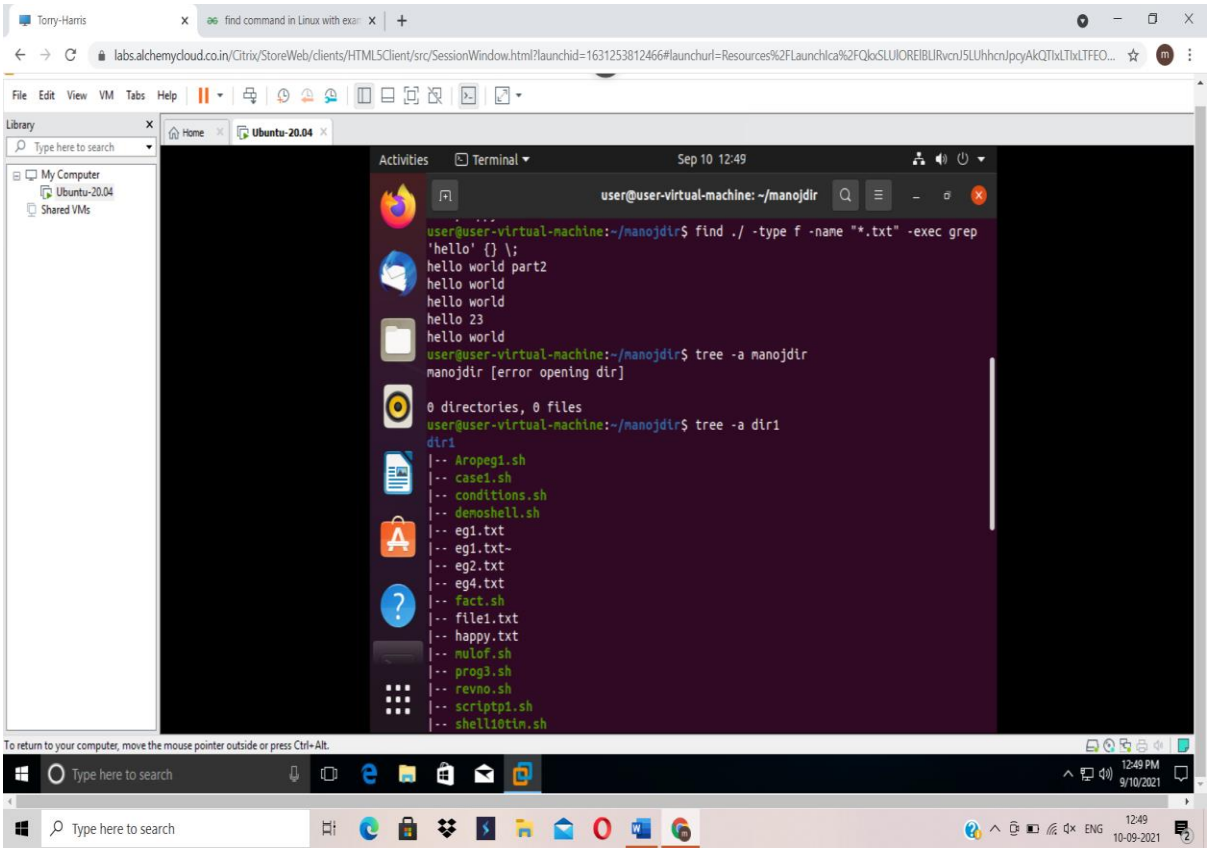

Torry-Harris
mv command in Linux with exam
Linux File Permission - javatpoint
labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631253812466#launchurl=Resources%2FLaunchIca%2FQkxSLUlOREIBLIRvcnJ5LUhhcnJpcyAkQTIxLTIxLTFEO...
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu-20.04
Shared VMs
Home
Ubuntu-20.04
Activities
Terminal
Sep 10 12:03
user@user-virtual-machine: ~/manojdir/dir1
user@user-virtual-machine:~/manojdir/dir1$ chmod u=r,g=r,o=r temp1.txt
user@user-virtual-machine:~/manojdir/dir1$ ls -l temp1.txt
-r--r--r-- 1 user user 7 Sep 8 13:53 temp1.txt
user@user-virtual-machine:~/manojdir/dir1$ cd ..
user@user-virtual-machine:~/manojdir$ ls
commentry.txt demo1.txt dir1 eg3.txt output1.txt prog3.sh text1.txt
datatypes demo2.txt eg2.txt grep.txt prog2.sh temp.txt
user@user-virtual-machine:~/manojdir$ mv -f temp.txt ./dir1/temp1.txt
user@user-virtual-machine:~/manojdir$ ls
commentry.txt demo1.txt dir1 eg3.txt output1.txt prog3.sh
datatypes demo2.txt eg2.txt grep.txt prog2.sh text1.txt
user@user-virtual-machine:~/manojdir$ cd dir1
user@user-virtual-machine:~/manojdir/dir1$ ls
Aropeg1.sh eg1.txt fact.sh prog3.sh shelpro1.sh temp3.txt
case1.sh eg1.txt~ file1.txt revno.sh subdir until.sh
conditions.sh eg2.txt happy.txt scriptp1.sh temp1.txt withno.txt
demoshell.sh eg4.txt mulof.sh shell10tim.sh temp2.txt
user@user-virtual-machine:~/manojdir/dir1$ mv -version
mv: invalid option -- 'e'
Try 'mv --help' for more information.
user@user-virtual-machine:~/manojdir/dir1$ mv --version
mv (GNU coreutils) 8.30
Copyright (C) 2018 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.
Written by Mike Parker, David MacKenzie, and Jim Meyering.
user@user-virtual-machine:~/manojdir/dir1$
To return to your computer, move the mouse pointer outside or press Ctrl+Alt.
Type here to search
12:03 PM
9/10/2021
Type here to search
ENG
12:03
10-09-2021

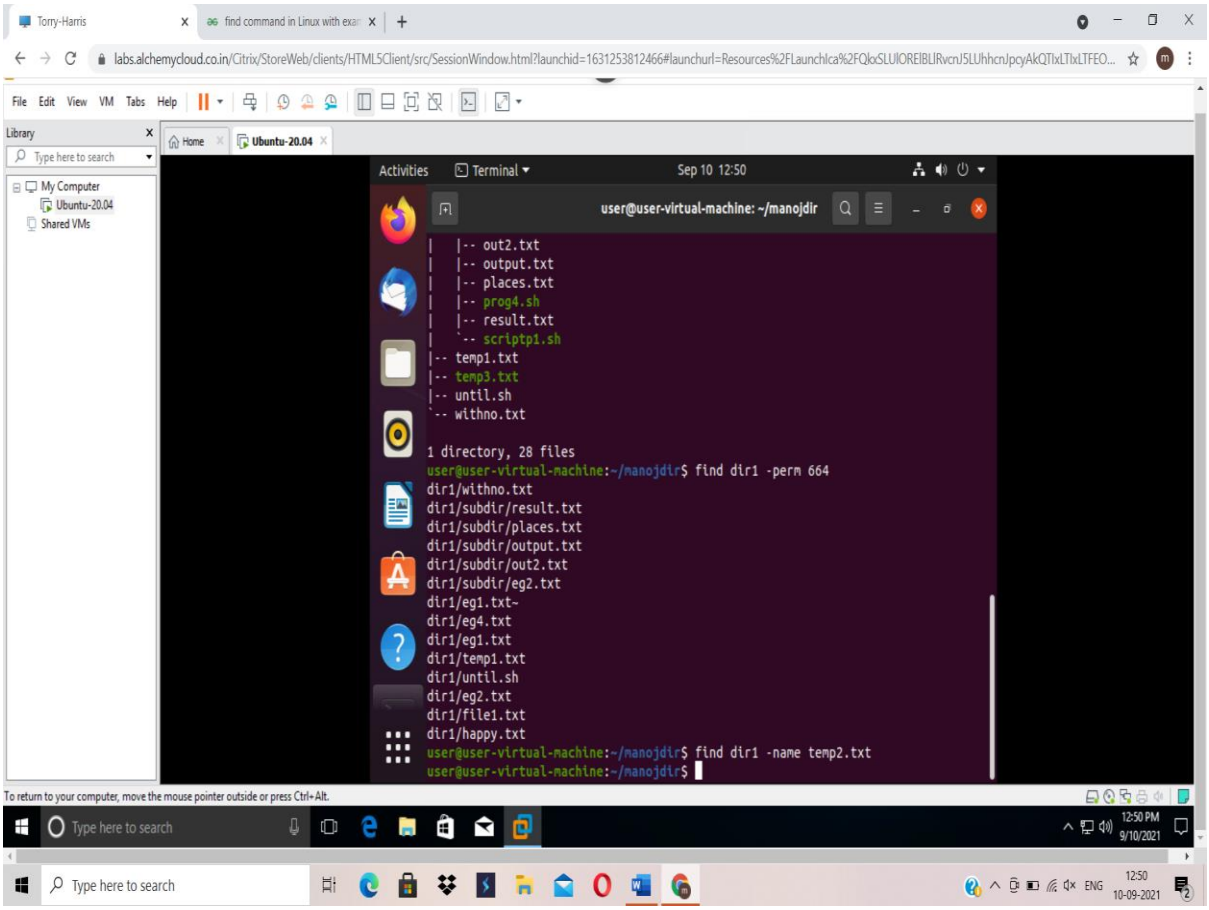
5) tr command:



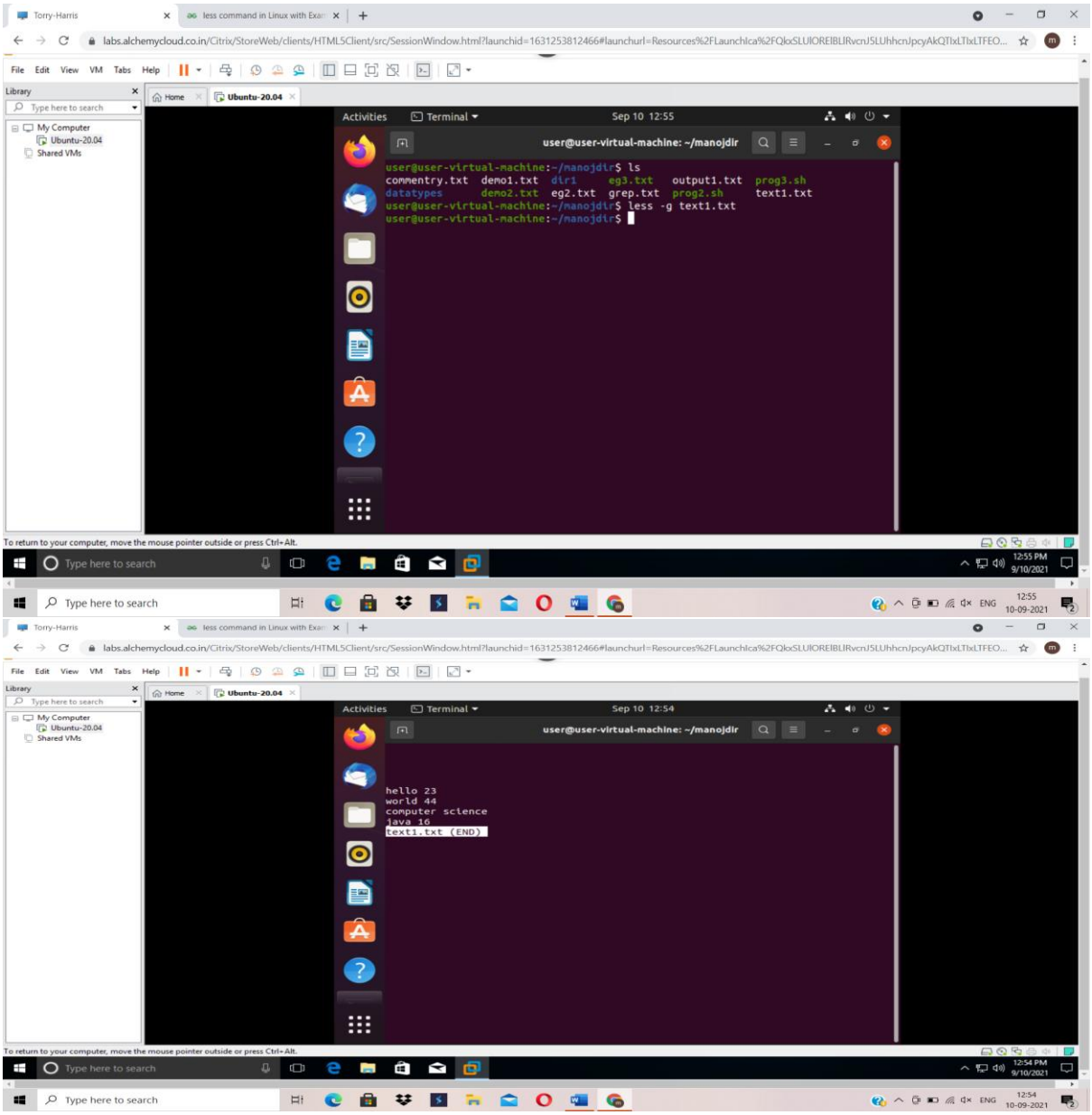
6) find command:




Torry-Harris
find command in Linux with exa
labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631253812466#launchurl=Resources%2FLaunchIca%2FQkoSLUlOREIBLIRvcnJ5LUhhcnJpcyAkQTIxLTIxLTFEO...
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu-20.04
Shared VMs
Home
Ubuntu-20.04
Activities
Terminal
Sep 10 12:49
user@user-virtual-machine: ~/manojdir
user@user-virtual-machine:~/manojdir$ find ./ -type f -name "*.txt" -exec grep 'hello' {} \;
hello world part2
hello world
hello world
hello 23
hello world
user@user-virtual-machine:~/manojdir$ tree -a manojdir
manojdir [error opening dir]
0 directories, 0 files
user@user-virtual-machine:~/manojdir$ tree -a dir1
dir1
|-- Aropeg1.sh
|-- case1.sh
|-- conditions.sh
|-- demoshell.sh
|-- eg1.txt
|-- eg1.txt~
|-- eg2.txt
|-- eg4.txt
|-- fact.sh
|-- file1.txt
|-- happy.txt
|-- mulof.sh
|-- prog3.sh
|-- revno.sh
|-- scriptp1.sh
|-- shell10tim.sh
To return to your computer, move the mouse pointer outside or press Ctrl+Alt.
Type here to search
12:49 PM
9/10/2021
Type here to search
ENG
12:49
10-09-2021


Torry-Harris
find command in Linux with exa
labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631253812466#launchurl=Resources%2FLaunchIca%2FQkoSLUlOREIBLIRvcnJ5LUhhcnJpcyAkQTIxLTIxLTFEO...
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu-20.04
Shared VMs
Home
Ubuntu-20.04
Activities
Terminal
Sep 10 12:50
user@user-virtual-machine: ~/manojdir
| |-- out2.txt
| |-- output.txt
| |-- places.txt
| |-- prog4.sh
| |-- result.txt
| `-- scriptp1.sh
|-- temp1.txt
|-- temp3.txt
|-- until.sh
`-- withno.txt
1 directory, 28 files
user@user-virtual-machine:~/manojdir$ find dir1 -perm 664
dir1/withno.txt
dir1/subdir/result.txt
dir1/subdir/places.txt
dir1/subdir/output.txt
dir1/subdir/out2.txt
dir1/subdir/eg2.txt
dir1/eg1.txt~
dir1/eg4.txt
dir1/eg1.txt
dir1/temp1.txt
dir1/until.sh
dir1/eg2.txt
dir1/file1.txt
dir1/happy.txt
user@user-virtual-machine:~/manojdir$ find dir1 -name temp2.txt
user@user-virtual-machine:~/manojdir$
To return to your computer, move the mouse pointer outside or press Ctrl+Alt.
Type here to search
12:50 PM
9/10/2021
Type here to search
ENG
12:50
10-09-2021

7) less command:



6.View multiple files with less command

To open multiple files with less, simply input the file names one by one:

less <filename1> <filename2> <filename3>

:n to move next file

:p to move to previous file

7. less -X file name save the file name on screen

when file exits

8.less -S file name long line can be seen by side

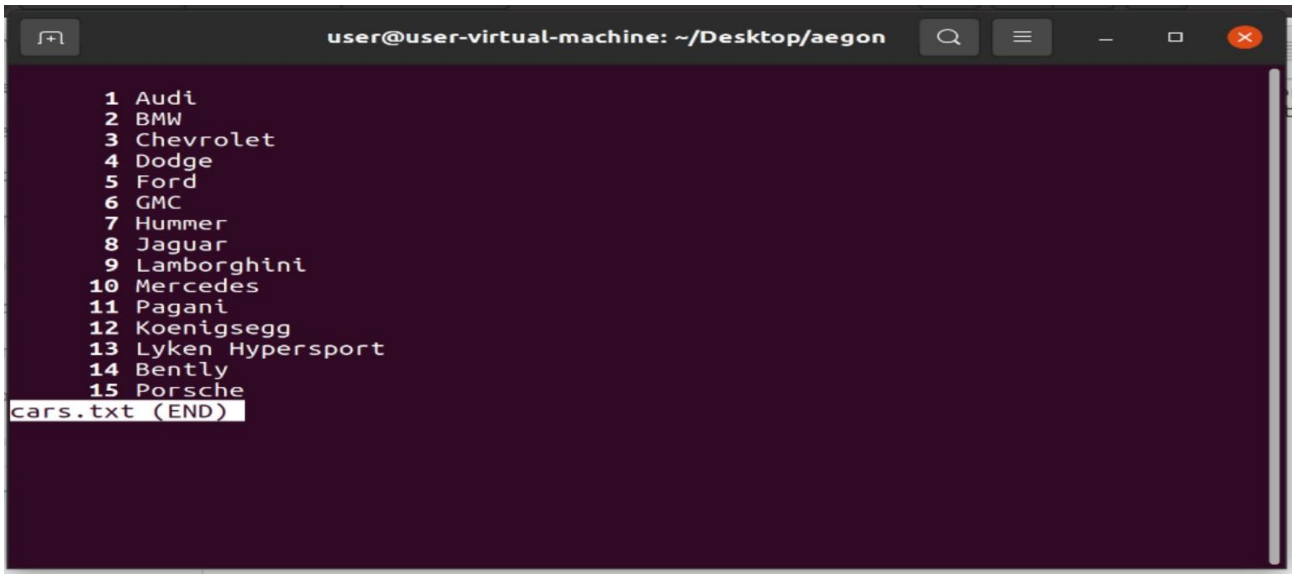
wrapping.

9.less--version to know the version of less

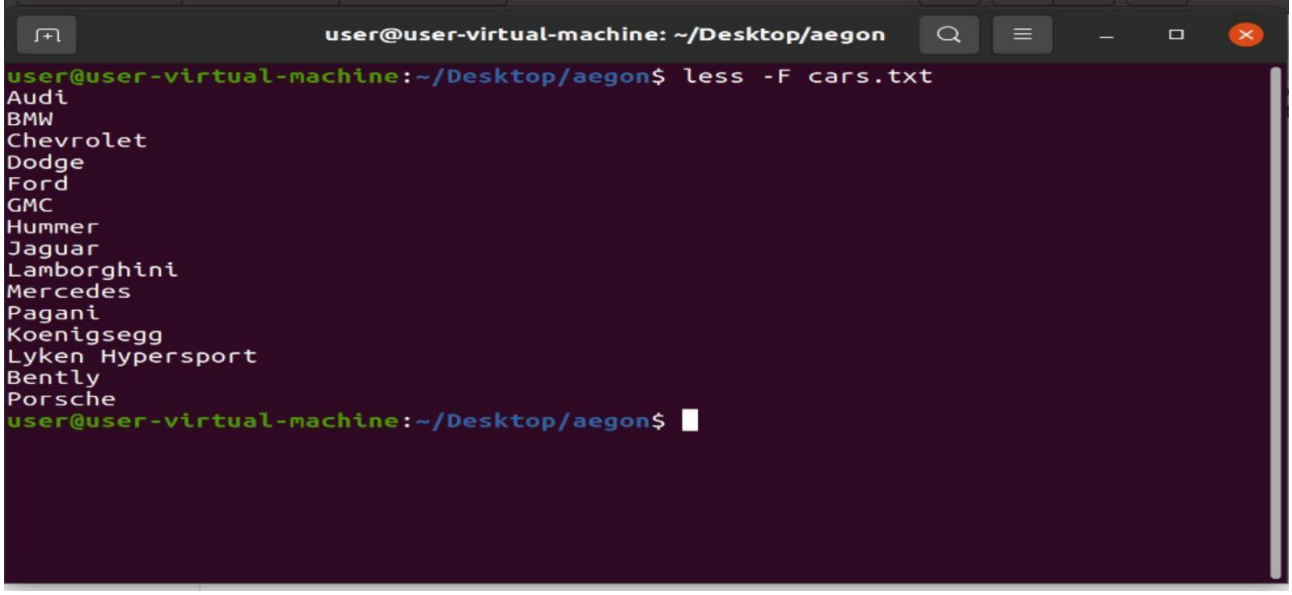
10. less -m file name show more detailed prompt including file

position.

-N option



-F option:

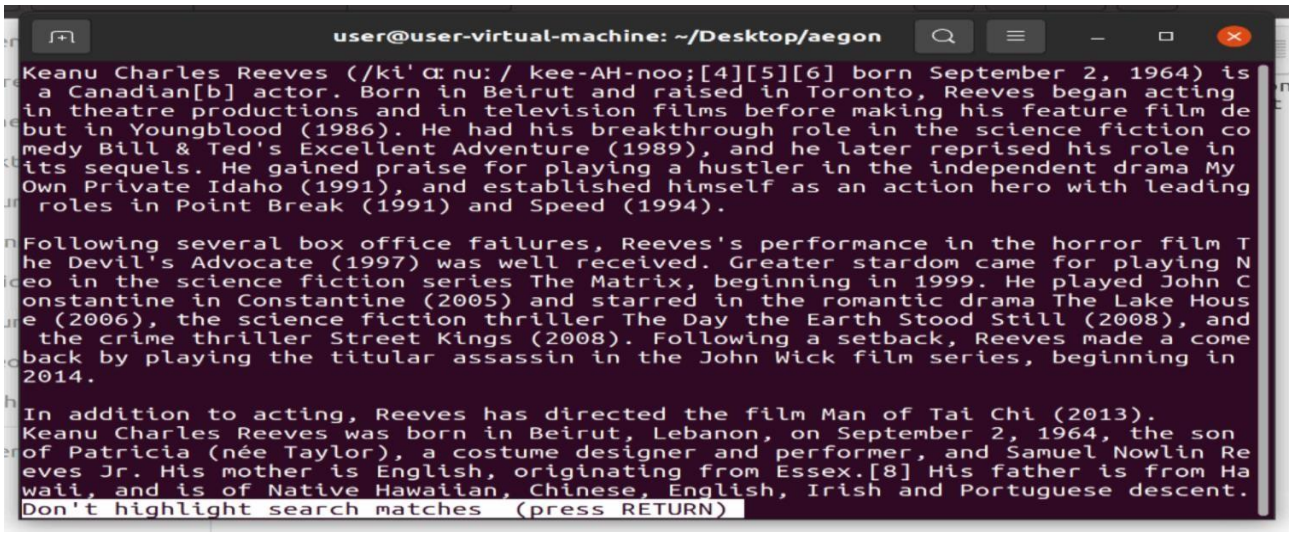


-G option:

It hides all highlighting strings found by search command. To highlight the strings do -G again.

Example:

In less editor press '-' and then 'G', It will hides all highlighting strings found by search command as image follows.



-N and -F

We can use combination of -F option along with -N option to avoid opening of file.

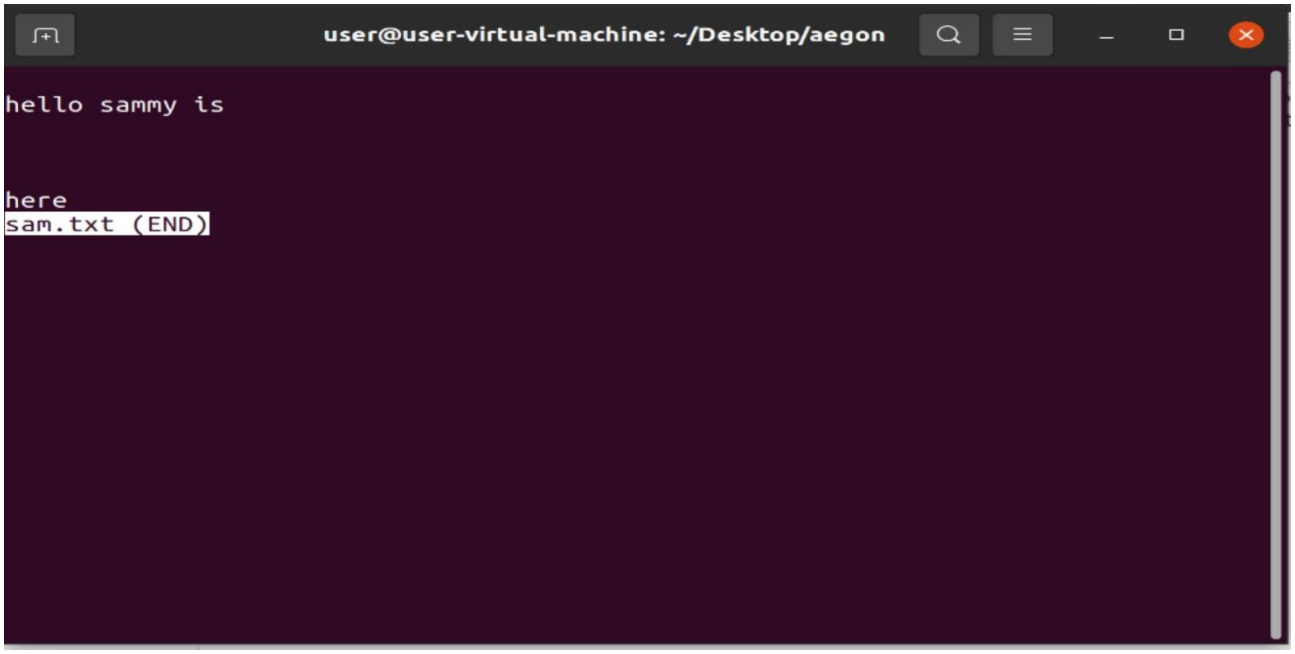
Example:

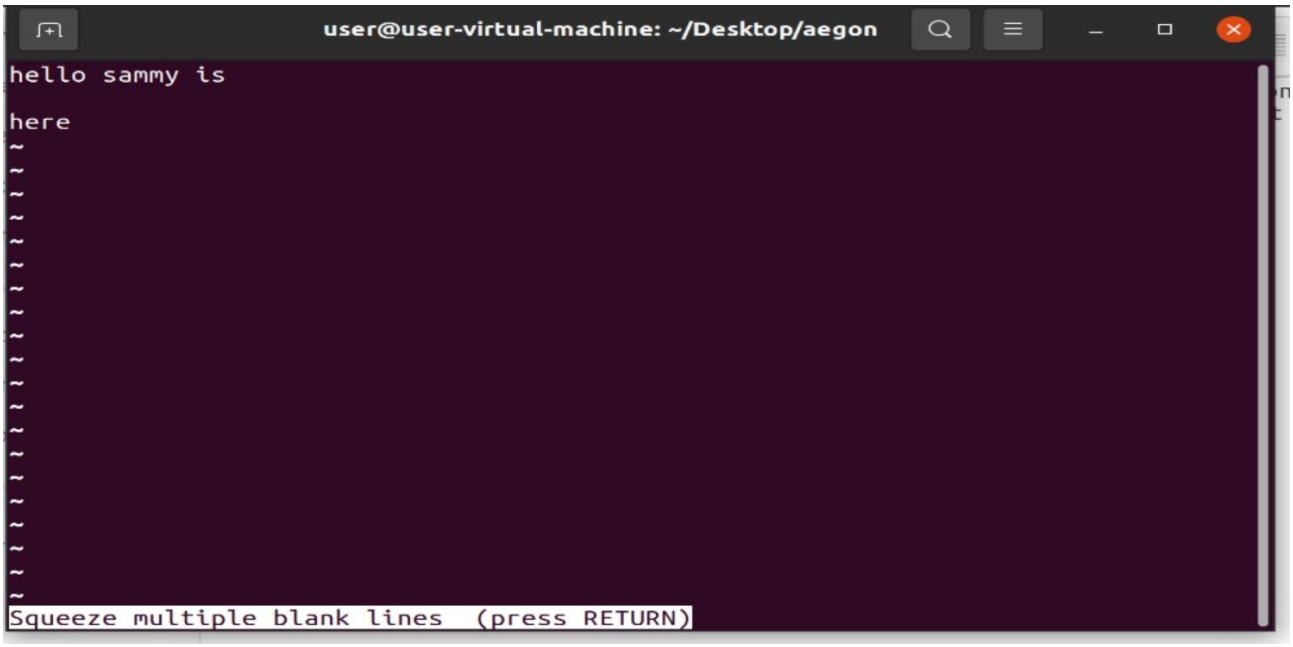
less -N -F cars.txt

It gives the output as follows

-s option: causes consecutive blank lines to be squeezed into single blank line.

Example:



I created a file with consecutive blank lines as follows.

In the less editor press '-' and 's' then the consecutive blank lines are squeezed as follows.