

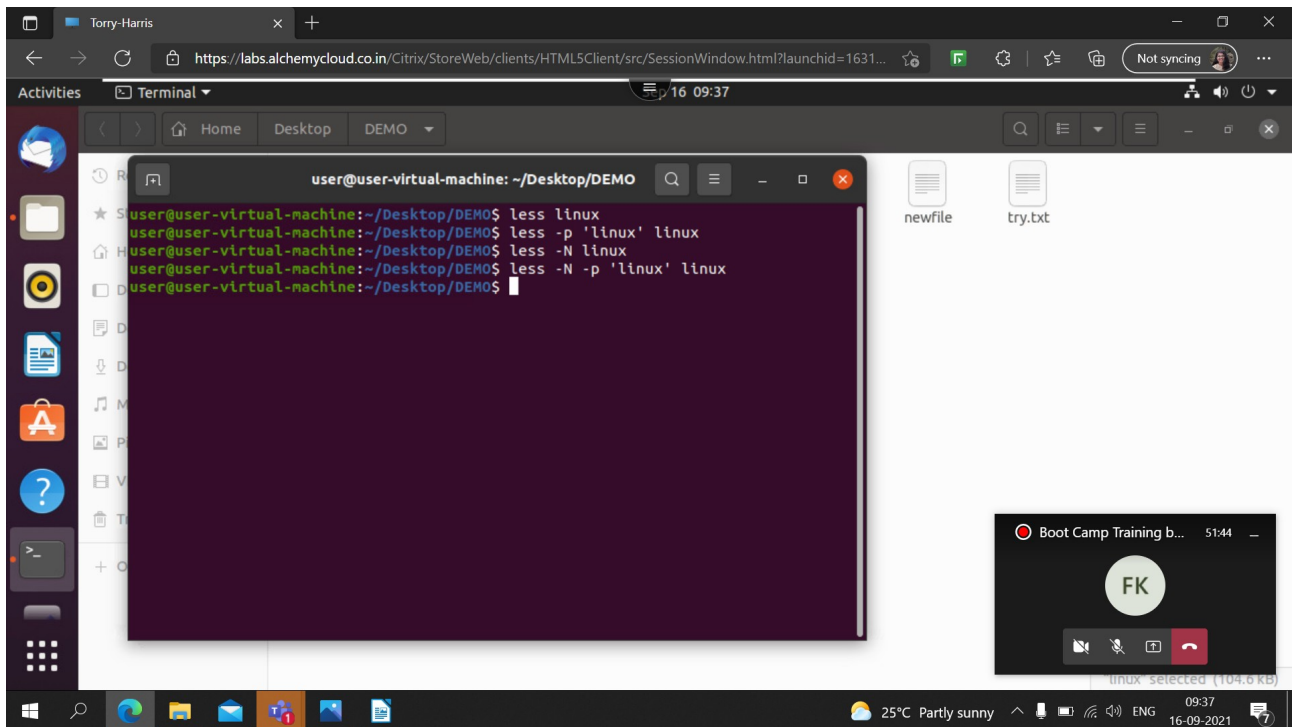
Using less commands

Less command is a Linux utility that can be used to read the contents of a text file one page(one screen) at a time. It has faster access because if file is large it doesn't access the complete file, but accesses it page by page.

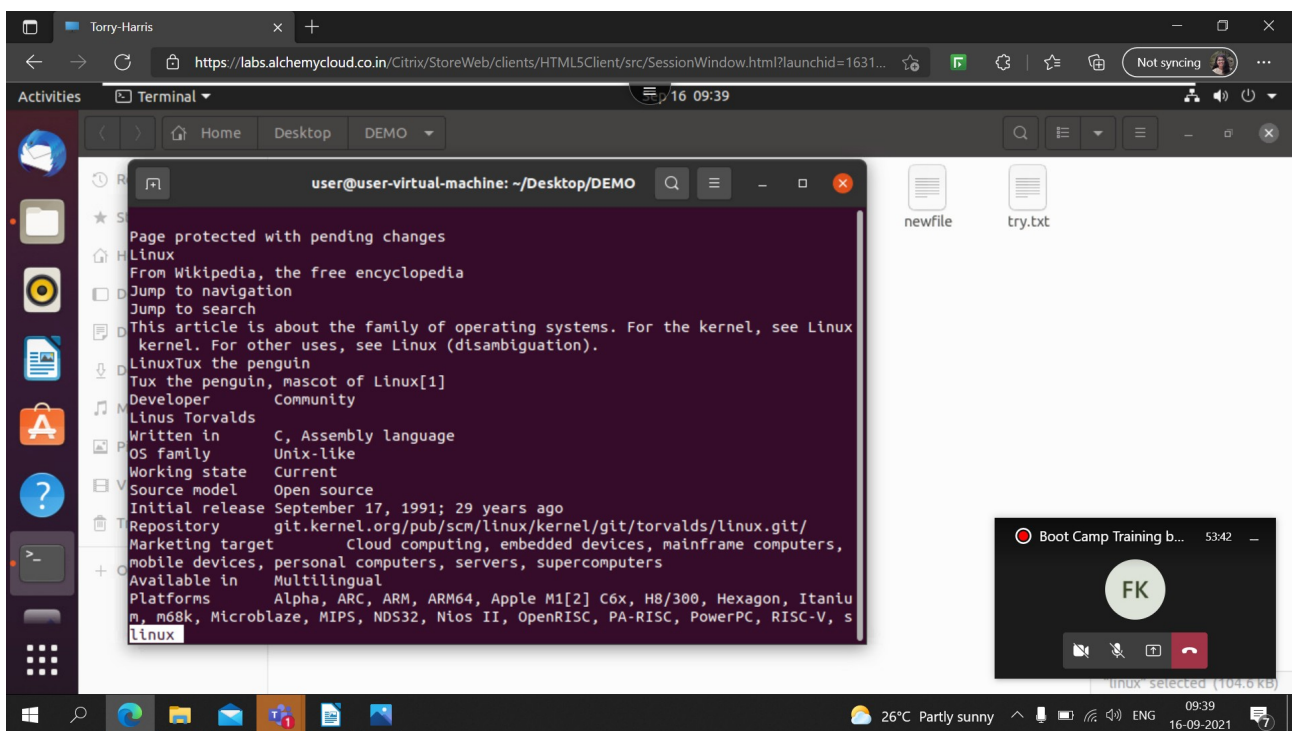
less filename: Shows the file press space bar of next page and enter for next line

less -p 'keyword' filename: Highlights the keyword in the page

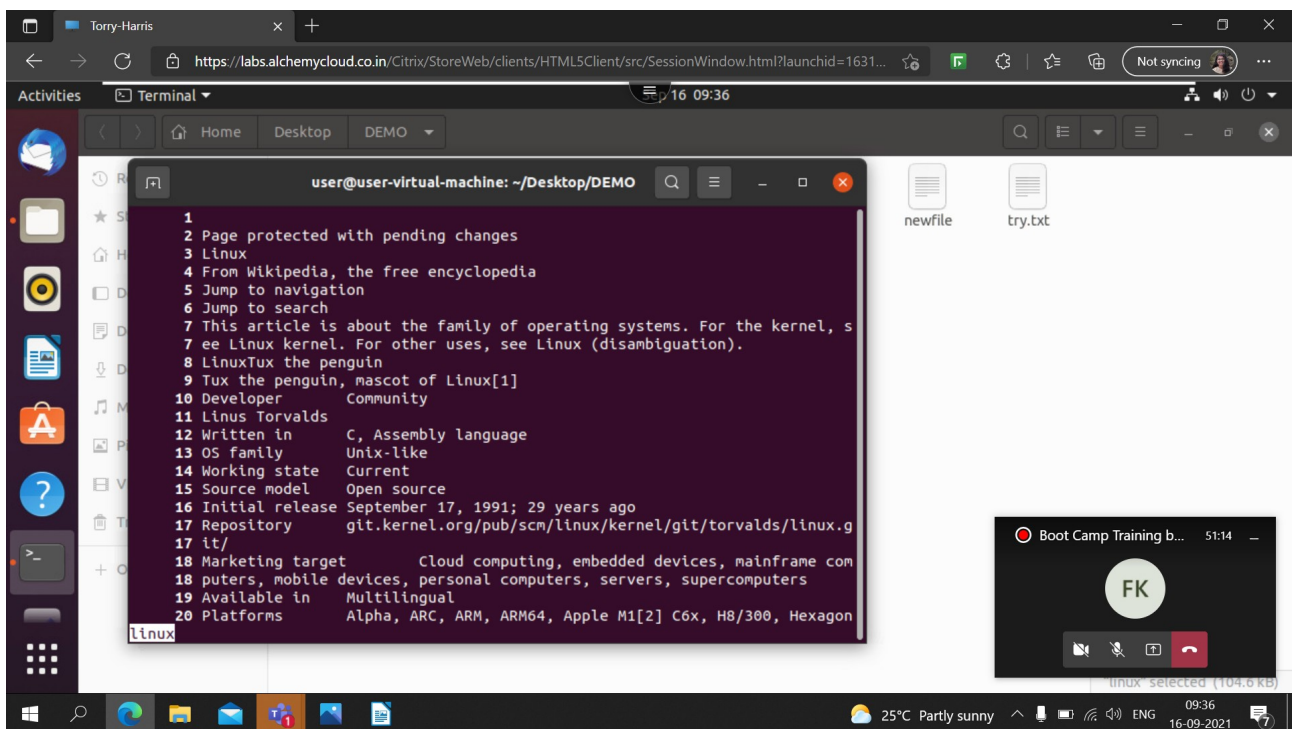
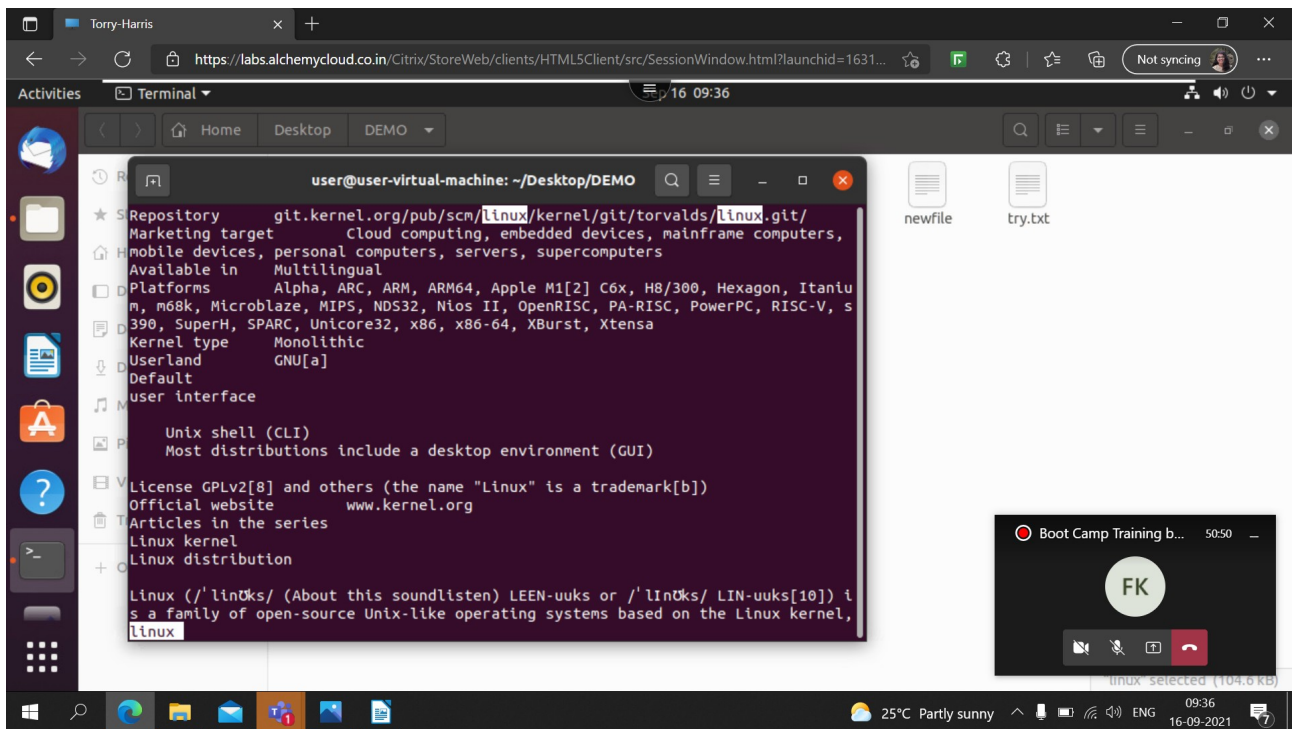
less -N filename: Displays along with line number.

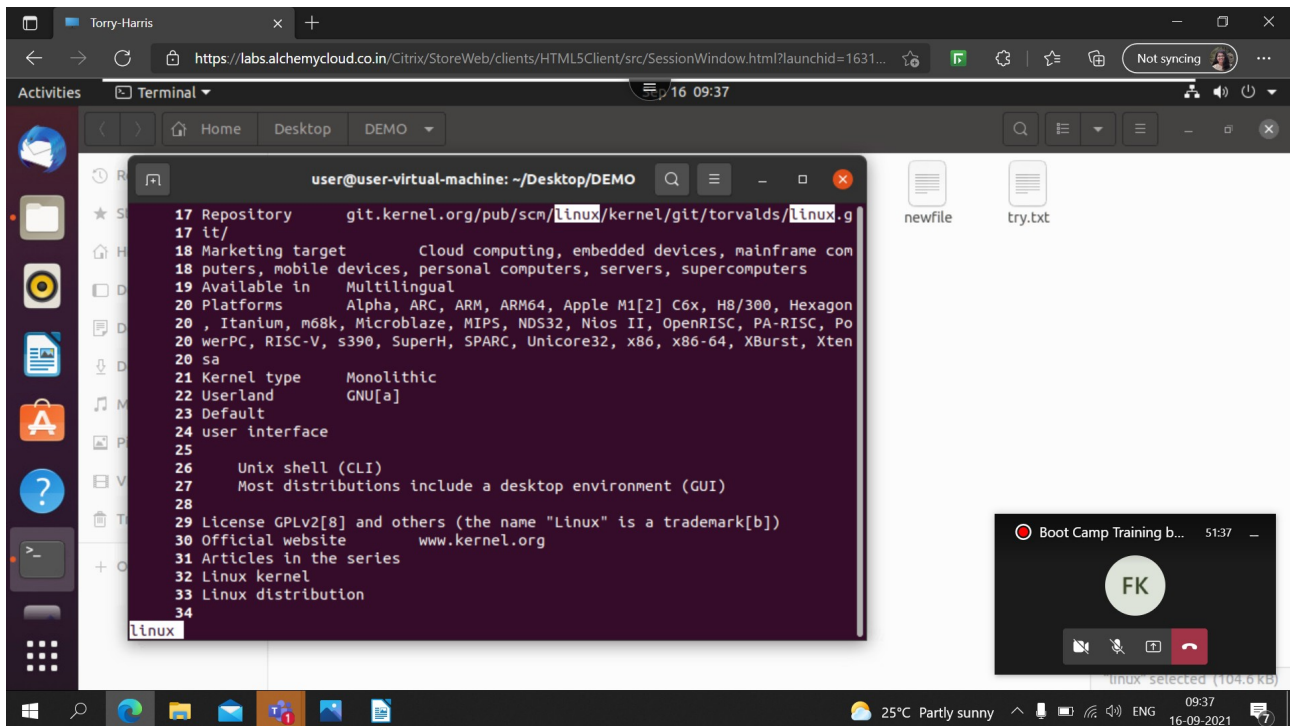


```
user@user-virtual-machine: ~/Desktop/DEMO
$ less linux
$ less -p 'linux' linux
$ less -N linux
$ less -N -p 'linux' linux
```



```
user@user-virtual-machine: ~/Desktop/DEMO
$ less linux
$ less -p 'linux' linux
$ less -N linux
$ less -N -p 'linux' linux
```





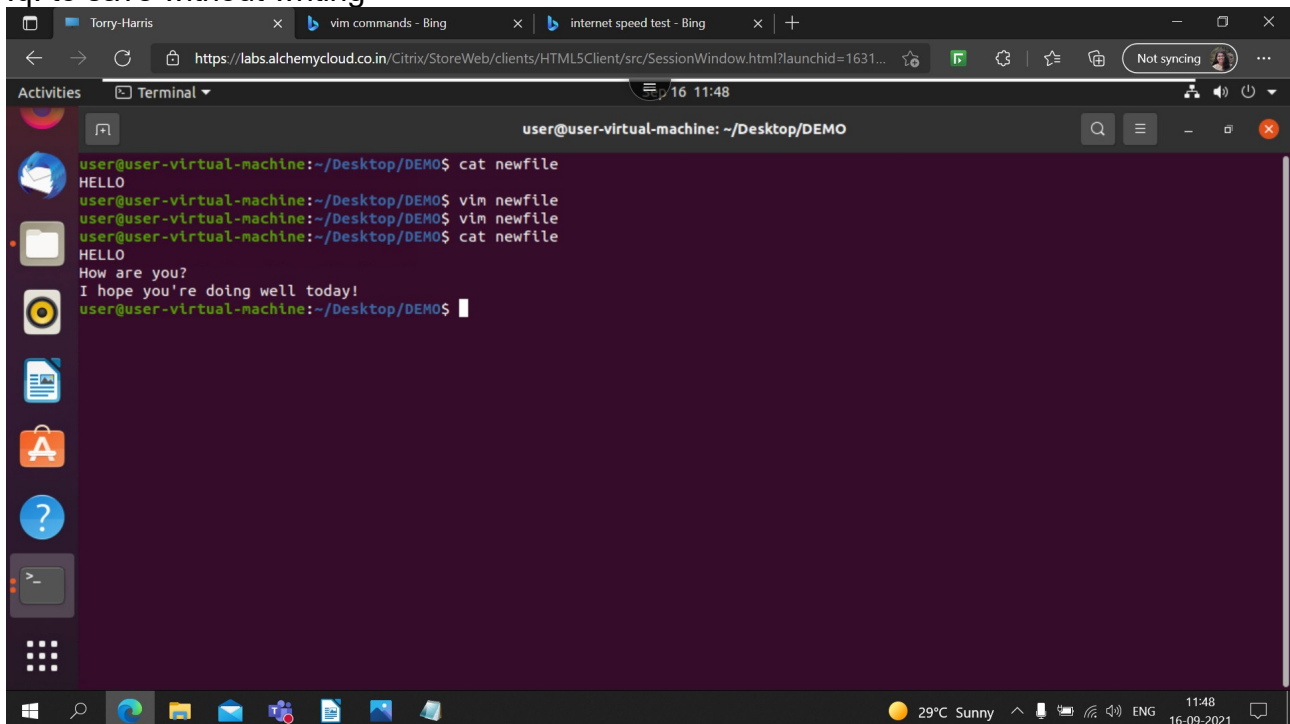
Vim commands

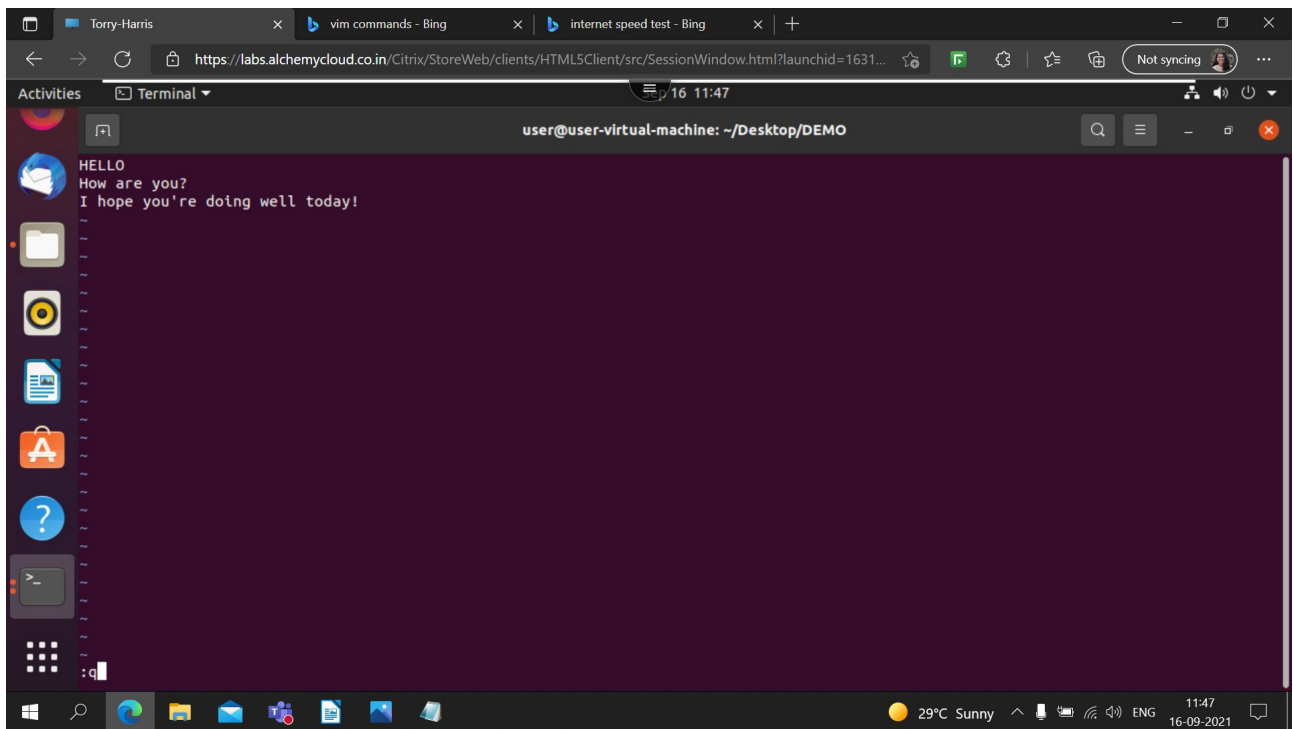
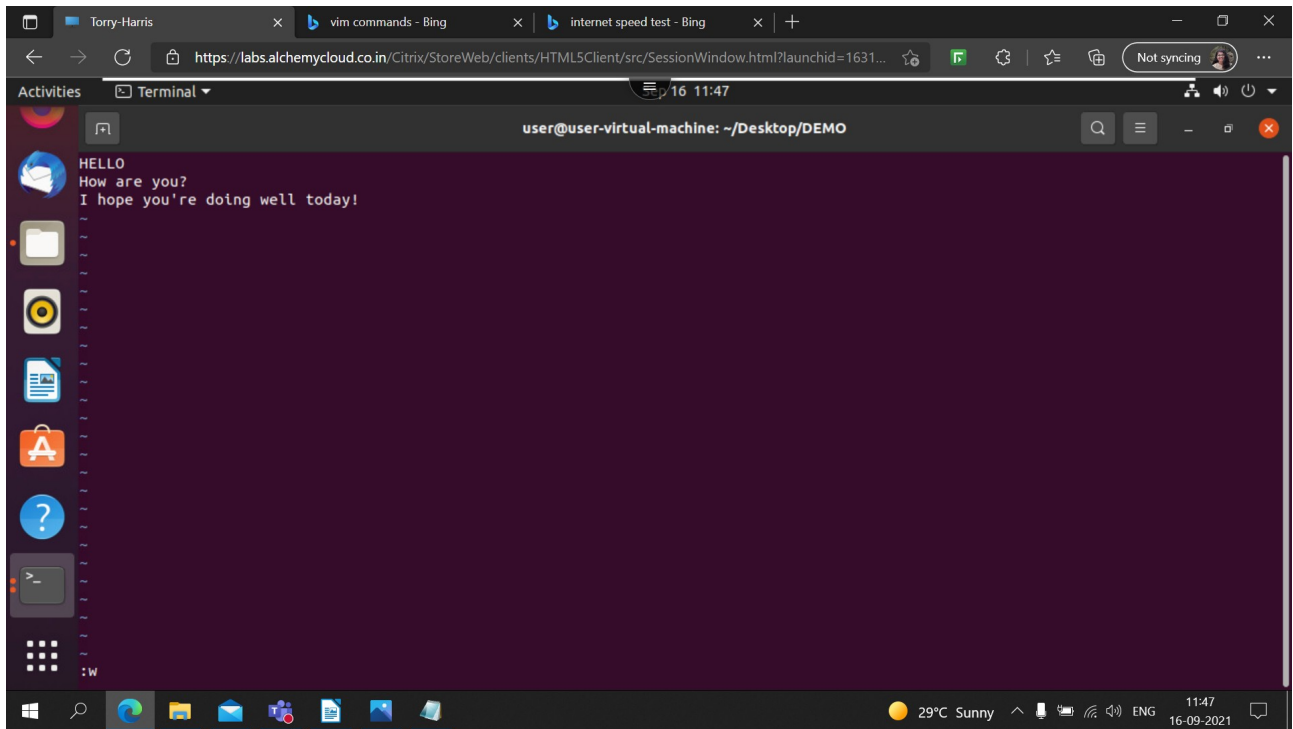
q or a to insert

:w to write

:q to save

:q! to save without writing





Head:

The head command, as the name implies, print the top N number of data of the given input

-n num : prints the top num of the content in the filename

-c num : prints the num of characters that is specified

-q : It is used when more than one file is given

Tail:

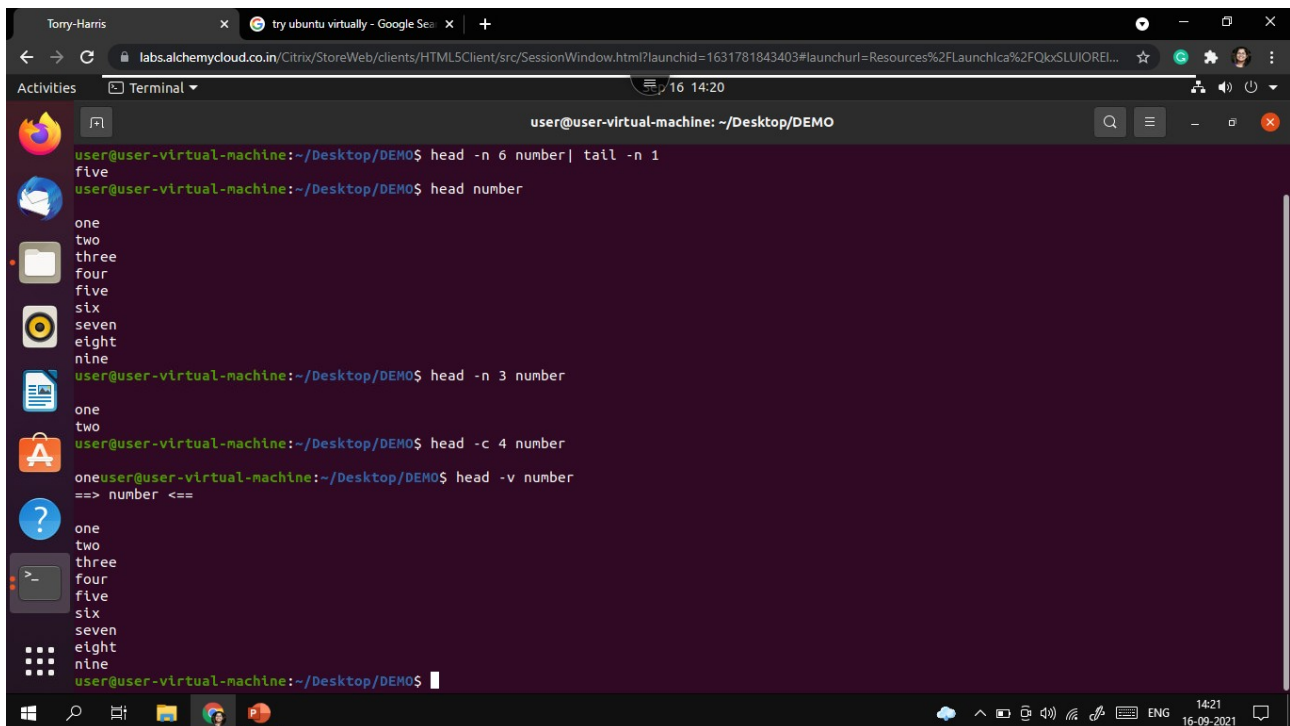
The head command, as the name implies, print the bottom N number of data of the given input

-n num : prints the bottom num of the content in the filename

-c num : prints the bottom num of characters that is specified

-q : It is used when more than one file is given

find: it helps to find the files



The screenshot shows a terminal window titled 'user@user-virtual-machine: ~/Desktop/DEMO'. The terminal displays the following commands and their outputs:

```
user@user-virtual-machine:~/Desktop/DEMO$ head -n 6 number | tail -n 1
five
user@user-virtual-machine:~/Desktop/DEMO$ head number
one
two
three
four
five
six
seven
eight
nine
user@user-virtual-machine:~/Desktop/DEMO$ head -n 3 number
one
two
three
user@user-virtual-machine:~/Desktop/DEMO$ head -c 4 number
one
user@user-virtual-machine:~/Desktop/DEMO$ head -v number
==> number <==
one
two
three
four
five
six
seven
eight
nine
user@user-virtual-machine:~/Desktop/DEMO$
```

The terminal window is part of a web-based interface, with a browser address bar showing 'labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631781843403#launchurl=Resources%2FLaunchIca%2FQxSLUIOREI...'. The terminal output shows the first five lines of the 'number' file, followed by the last line of the first five lines, and then the first three lines, the first four characters, and the first five lines of the 'number' file.

Tomy-Harris x try ubuntu virtually - Google Search +

labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631781843403#launchurl=Resources%2FLaunchIca%2FQkxSLUIOREI...

Activities Terminal 16 14:22

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

```
one
two
three
four
five
six
seven
eight
nine
ten:
user@user-virtual-machine:~/Desktop/DEMO$ tail number
one
two
three
four
five
six
seven
eight
nine
ten:
user@user-virtual-machine:~/Desktop/DEMO$ tail -5 number
six
seven
eight
nine
ten:
user@user-virtual-machine:~/Desktop/DEMO$ tail -c 4 number
en:
user@user-virtual-machine:~/Desktop/DEMO$ head -q number newfile
one
two
three
four
five
six
seven
eight
nine
HELLO
How are you?
```

14:22 16-09-2021

Tomy-Harris x try ubuntu virtually - Google Search +

labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631781843403#launchurl=Resources%2FLaunchIca%2FQkxSLUIOREI...

Activities Terminal 16 14:22

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

```
two
three
four
five
six
seven
eight
nine
HELLO
How are you?
I hope you're doing well today!
user@user-virtual-machine:~/Desktop/DEMO$ tail -q number hello.txt
one
two
three
four
five
six
seven
eight
nine
ten:
hello universe
heello
heel-o
henlo
HELLO
helo
hello
hello[]].1234
heey
user@user-virtual-machine:~/Desktop/DEMO$
```

14:22 16-09-2021

Torry-Harris x try ubuntu virtually - Google Search x +

labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631781843403#launchurl=Resources%2FLaunchica%2FQkoSLUIOREI...

Activities Terminal 16 14:24

user@user-virtual-machine: ~

```
nine
ten:
hello universe
heelllo
heel-o
henlo
HELLO
helo
hello
hello[]1234
heey
user@user-virtual-machine:~/Desktop/DEMO$ cd
user@user-virtual-machine:~$ find -type *.txt
find: Unknown argument to -type: *
user@user-virtual-machine:~$ find -name '*.txt'
./cache/tracker/db-version.txt
./cache/tracker/parser-version.txt
./cache/tracker/last-crawl.txt
./cache/tracker/first-index.txt
./cache/tracker/db-locale.txt
./cache/tracker/locale-for-miner-apps.txt
./mozilla/firefox/sjb6frvi.default-release/pkcs11.txt
./mozilla/firefox/sjb6frvi.default-release/SiteSecurityServiceState.txt
./Desktop/DEMO/hello.txt
./Desktop/DEMO/hey.txt
./Desktop/DEMO/try.txt
user@user-virtual-machine:~$ find -name 'try'
user@user-virtual-machine:~$ find -name 'hello'
user@user-virtual-machine:~$ find -name 'newfile'
./newfile
./Desktop/DEMO/newfile
user@user-virtual-machine:~$
```

14:24 16-09-2021