

**NETWORKING & SYSTEM ADMINISTRATION LAB****Name: RITTYMARIYA K R****Roll No:28****Batch:RMCA(B)****Date:31/03/2022****Experiment No.: 3****Aim**

Familiarization of Linux commands.

**Procedure**

1. **\$cut -d ' ' -(f1/f2) filename.txt** : This command is used to display a particular column on behalf of space delimiter.

**Output:**

```
LENOVO@DESKTOP-57GS6MV MINGW64 ~  
$ cat >b1.txt  
hindi 30  
english 40  
science 45  
maths 49  
[3]+ Stopped cat > b1.txt  
LENOVO@DESKTOP-57GS6MV MINGW64 ~  
$ cut -d ' ' -f2 b1.txt  
30  
40  
45  
49
```

2. **\$cut -b (number) filename.txt** : This command is used to display the particular column

**Output:**

```
LENOVO@DESKTOP-57GS6MV MINGW64 ~  
$ cut -b 2 b1.txt  
i  
n  
c  
a
```

3. **\$cut -complement -c (number) filename.txt**: This command is used to display all columns except the column specified in the column.

**Output:**

```
LENOVO@DESKTOP-57GS6MV MINGW64 ~  
$ cut --complement -c 1 b1.txt  
indi 30  
nglish 40  
ciencce 45  
aths 49
```

4. **\$paste filename1 filename2:** it is used to append contents of two files in column order.

**Output:**

```
LENOVO@DESKTOP-57GS6MV MINGW64 ~  
$ paste marvell1 marvel2  
captain america strange  
iron man          panda  
hulk      gamora  
spider man      nebula  
rout      thor
```

5. **\$paste filename1 filename2 > filename3:** It is used to append content of two files in column order and paste into another file

**Output:**

```
LENOVO@DESKTOP-57GS6MV MINGW64 ~  
$ paste marvell1 marvel2 >marvel3  
  
LENOVO@DESKTOP-57GS6MV MINGW64 ~  
$ cat marvel3  
captain america strange  
iron man          panda  
hulk      gamora  
spider man      nebula  
rout      thor
```

6. **\$paste -d '-' filename1.txt filename2.txt:** It is used to append contents of two files in column order separated by hyphen delimiter

**Output:**

```
LENOVO@DESKTOP-57GS6MV MINGW64 ~  
$ paste -d '-' marvell1 marvel2  
captain america-strange  
iron man-panda  
hulk-gamora  
spider man-nebula  
rout-thor
```

7. **\$paste -d '--' filename1.txt filename2.txt filename3.txt:** This command is used to display 10 lines from bottom

**Output:**

```
LENOVO@DESKTOP-57GS6MV MINGW64 ~
$ paste -d '--' marvel1 marvel2 marvel1
captain america-strange-captain america
iron man-panda-iron man
hulk-gamora-hulk
spider man-nebula-spider man
rout-thor-rout
```

8. **\$ paste -s filename1.txt filename2.txt:** This command is used append contents in two files in row order

**Output:**

```
LENOVO@DESKTOP-57GS6MV MINGW64 ~
$ paste -s marvel1 marvel2
captain america iron man      hulk      spider man      rout
strange panda  gamora nebula  thor
```

9. **\$ more filename1.txt:** This command is used to view the text files in the command prompt, displaying one screen at a time in case the file is large

**Output:**

```
student@S29:~$ more demo.txt
The Vision is a fictional superhero appearing in American comic books published by Marvel
a,[1][2] the character first appeared in The Avengers #57 (published in August 1968, with
on the Timely Comics character of the same name who was an alien from another dimension.
The Vision is a fictional superhero appearing in American comic books published by Marvel
a,[1][2] the character first appeared in The Avengers #57 (published in August 1968, with
on the Timely Comics character of the same name who was an alien from another dimension.
--More-- (68%)
```

10. **\$more -s filename.txt:** This command is used to squeeze multiple blank lines into one single blank line

**Output:**

```
student@S29:~$ more -s demo.txt
The Vision is a fictional superhero appearing in American comic books published by Marvel
a,[1][2] the character first appeared in The Avengers #57 (published in August 1968, with
on the Timely Comics character of the same name who was an alien from another dimension.
```

11. **\$more -number filename.txt:** This command helps to specify number of lines to be displayed on screen.

```
student@S29:~$ more -3 demo.txt
The Vision is a fictional superhero appearing in American comic books published by Marvel Comics. Cr
a,[1][2] the character first appeared in The Avengers #57 (published in August 1968, with a cover da
on the Timely Comics character of the same name who was an alien from another dimension. The Vision
oid") built by the villainous robot Ultron created by Hank Pym. Originally intended to act as Ultron
```