

NETWORKING & SYSTEM ADMINISTRATION LAB**Name: ATHUL VINAYAKUMAR****Roll No:5****Batch:MCA 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:

```
student@S5:~$ cat >mark
english 70
maths 50
science 80
^Z
[1]+  Stopped                  cat > mark

student@S5:~$ cut -d- -f2 mark
english 70
maths 50
science 80
```

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

Output:

```
student@S5:~$ cut -b 2 mark
n
a
c
```

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

Output:

```
student@S5:~$ cut --complement -c 1 mark
nglish 70
aths 50
cience 80
```

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

Output:

```
student@S5:~$ paste marvel marvel1
captiam america panda
iron man          dr strange
black widow      nebula
```

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

Output:

```
student@S5:~$ paste marvel marvel1 > marvel2
student@S5:~$  marvel2
marvel2: command not found
student@S5:~$ cat marvel2
captiam america panda
iron man          dr strange
black widow      nebula
```

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

Output:

```
student@S5:~$ paste -d '-' marvel marvel1
captiam america-panda
iron man-dr strange
black widow-nebula
```

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

Output:

```
student@S5:~$ paste -d '%\ ' marvel marvel1 marvel
captiam america%panda|captiam america
iron man%dr strange|iron man
black widow%nebula|black widow
```

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

Output:

```
student@SS:~$ paste -s marvel marvel1
captain america iron man      black widow
panda  dr strange      nebula
```

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@SS:~$ cat > demo
After is a 2019 American romantic drama film directed by Jenny Gage, based on the 2014 novel of the same name by Anna Todd. The screenplay is written by Susan McMartin, Tamara Chestna, and Jenny Gage. The film stars Josephine Langford and Hero Fiennes Tiffin, and follows an inexperienced teenage girl who begins to romance a mysterious student during her first months of college. The cast includes Selma Blair, Inanna Sarkis, Shane Paul McGhie, Pia Mia, Khadijha Red Thunder, Dylan Arnold, Samuel Larsen, Jennifer Beals, and Peter Gallagher in supporting roles.
```

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

Output:

```
student@SS:~$ more -s demo.txt
After is a 2019 American romantic drama film directed by Jenny Gage, based on the 2014 novel of the same name by Anna Todd. The screenplay is written by Susan McMartin, Tamara Chestna, and Jenny Gage. The film stars Josephine Langford and Hero Fiennes Tiffin, and follows an inexperienced teenage girl who begins to romance a mysterious student during her first months of college. The cast includes Selma Blair, Inanna Sarkis, Shane Paul McGhie, Pia Mia, Khadijha Red Thunder, Dylan Arnold, Samuel Larsen, Jennifer Beals, and Peter Gallagher in supporting roles.
```

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

```
student@SS:~$ more -3 demo.txt
After is a 2019 American romantic drama film directed by Jenny Gage, based on the 2014 novel of the same name by Anna Todd. The screenplay is written by Susan McMartin, Tamara Chestna, and Jenny Gage. The film stars Josephine Langford and Hero Fiennes Tiffin, and follows an inexperienced teenage girl who begins to romance a mysterious student during her first months of college. The cast includes Selma Blair, Inanna Sarkis, Shane Paul McGhie, Pia Mia, Khadijha Red Thunder, Dylan Arnold, Samuel Larsen, Jennifer Beals, and Peter Gallagher in supporting roles.
```