NETWORKING & SYSTEM ADMINISTRATION LAB

Name: Rovy M Varghese
Roll No:31
Batch: RMCA(B)
Date:26/03/2021

Experiment No: 5

Aim

Familiarization of Linux commands.

Procedure

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

   Output:

   ```
   student@T70:~$ cut -d ' ' -f2 mark1
   67
   69
   76
   student@T70:~$ cut -b 2 mark1
   n
   a
   c
   ```

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

   Output:

   ```
   student@S29:~$ cut --complement -c 1 mark.txt
   aths 10
   indi 20
   s    25
   ```

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

   Output:

   ```
   student@S29:~$ paste marvel1.txt marvel2.txt
   iron man        dr strange
   thor     nebula
   black widow     panda
   hulk     gamora
   ```

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

    ```
    student@S29:~$ paste marvel1.txt marvel2.txt >marvel3.txt
    student@S29:~$ cat marvel3.txt
    iron man        dr strange
    thor    nebula
    black widow        panda
    hulk    gamora
    ```

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

    ```
    student@S29:~$ paste -d '-' marvel1.txt marvel2.txt
    iron man-dr strange
    thor-nebula
    black widow-panda
    hulk -gamora
    ```

6. **$paste -d '--' filename1.txt filename2.txt fielname3.txt:** This command helps to separate contents of 3 files with hyphen delimiter in column order.
    Output:

    ```
    student@S29:~$ paste -d '--' marvel1.txt marvel2.txt marvel1.txt
    iron man-dr strange-iron man
    thor-nebula-thor
    black widow-panda-black widow
    hulk -gamora-hulk
    ```

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

    ```
    student@S29:~$ paste -s marvel1.txt marvel2.txt
    iron man        thor    black widow    hulk    spiderman        groot
    dr strange        nebula  panda    gamora
    ```

8. **$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%)
    ```

9. **$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.
```

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

Output:

```
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
```

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