NETWORKING & SYSTEM ADMINISTRATION LAB

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Experiment No.: 1

Aim

Familiarization of Linux commands.

Procedure

1. **$pwd:** This command is used to print working directory starting from the root.
   Output:

    s

2. **$mkdir:** This command is used to make new directory.
   Output:

3. **$ls:** This command is used to display a list of content of directory.
   Output:

4. **$man :** This command is used to display the user manuel of any command that we can run on the terminal.

   Output:

5. **$ls -l:** This command is used to list the contents of directory in table format with columns.
   Output:

6. **$ls -al:** This command is used to list files or directories in a table format with extra information with including hidden files or directories.
   Output:

7. **$ls -a:** This command is used to list files or directories including hidden files or directories.
   Output:

8. **$ls -r:** This command is used to display the contents of subdirectories.
   Output:

9. **$ls-t:** It is used to display files in the last modified order.
   Output:

11.**$cd:** This command is used to change current working directory in linux.
   Output:

12. **$cd ..:** This command is used to move to parent directory of current directory.
   Output:

13. $cd -: This command is used to change to previous directory.

Output:

```
neha@neha-Lenovo-IdeaPad-S145-15API:~$ cd -
/home/neha/merin
```

14. $cat filename.type: It is used to display contents on the file.

Output:

```
/home/neha/Merin
neha@neha-Lenovo-IdeaPad-S145-15API:~/merin$ cat a.txt
cat: a.txt: No such file or directory
```

15. $cat >filename.type: Its is used to create filename and contents can be added on the terminal itself.

Output:

```
neha@neha-Lenovo-IdeaPad-S145-15API:~/merin$ cat >a.txt
hello world
goood morning
^Z
[1]+  Stopped                 cat > a.txt
```

16. $cat >>filename.type: It is used to append content to existing file.

Output:

```
neha@neha-Lenovo-IdeaPad-S145-15API:~/merin$ cat >>a.txt
welcome to ooty
nice to mee u
^Z
[2]+  Stopped                 cat >> a.txt
```

17. $cat filename.type > **filename2**.type: This command is used to copy contents of one file to another file.

Output:

```
neha@neha-Lenovo-IdeaPad-S145-15API:~/merin$ cat a.txt
hello world
goood morning
welcome to ooty
nice to mee u
```