

Assignment 3

Problem Statement : Study & Execution of Basic Linux Commands.

Name : Jaynam Modi

Batch : S1

Roll No. : 119017

> Execution of Commands :

1. **ls** : Used to Display the Contents of an existing Directory.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ ls
Desktop  Downloads  Music  Public  Videos
Documents examples.desktop Pictures Templates
```

2. **man ls** : Manually executes the Properties of given file/directory.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ man ls
```

```
LS(1)           User Commands          LS(1)
```

NAME

ls - list directory contents

SYNOPSIS

ls [OPTION]... [FILE]...

DESCRIPTION

List information about the FILES (the current directory by default).

Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.

Mandatory arguments to long options are mandatory for short options too.

-a, --all

do not ignore entries starting with .

-A, --almost-all

do not list implied . and ..

--author

3. ***.____** : Selects all files with the given extension (____) in the current directory.

4. **mkdir** : Creates a directory with the given Name.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ mkdir test
guest-rfckzy@fpllab-OptiPlex-7040:~$ ls
demo.txt  Documents  examples.desktop  Pictures  Templates  Videos
Desktop   Downloads  Music             Public    test
```

5. **rmdir** : Deletes a given Directory.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ rmdir test
guest-rfckzy@fpllab-OptiPlex-7040:~$ ls
demo.txt  Documents  examples.desktop  Pictures  Templates
Desktop   Downloads  Music             Public    Videos
```

6. **cat** : Displays the Contents of a given Text File.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ cat demo.txt
<html itemscope="" itemtype="http://schema.org/SearchResultsPage" lang="en-IN"><head><meta
content="/images/branding/googleg/1x/googleg_standard_color_128dp.png" itemprop="image"><meta content="origin"
name="referrer"><title>wikipedia - Google Search</title><.....
```

7. **head** : Print the first 10 lines of a given File.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ head demo.txt
<html itemscope="" itemtype="http://schema.org/SearchResultsPage" lang="en-IN"><head><meta
content="/images/branding/googleg/1x/googleg_standard_color_128dp.png" itemprop="image"><meta content="origin"
name="referrer"><title>wikipedia - Google Search</title><script async="" nonce="+qM69J+jxnzoXoBplolFHQ=="
src="https://apis.google.com/_/scs/abc-static/_/js/k=gapi.gapi.en.7kWSr24wXFc.O/m=gapi_iframes,googleapis_client,plusone/rt=j/sv
=1/d=1/ed=1/rs=AHpOoo-i9r7IbCTUQfJ0v-FPhRKRS8aihQ/cb=gapi.loaded_0"></script><script
nonce="+qM69J+jxnzoXoBplolFHQ==">(function(){window.google={kEl:'4qDcXdP3JrrVz7sPw5iSwA0',kEXPI:'31',authuser:0,kscs:'c9c
918f0_4qDcXdP3JrrVz7sPw5iSwA0',kGL:'IN',kBL:'Ljcm'};google.sn='web';google.kHL='en'>
```

8. **less** : Lesser lines of the given File are displayed.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ head demo.txt
<html itemscope="" itemtype="http://schema.org/SearchResultsPage" lang="en-IN"><head><meta
content="/images/branding/googleg/1x/googleg_standard_color_128dp.png" itemprop="image"><meta content="origin"
name="referrer"><title>wikipedia - Google Search</title><script async="" nonce="+qM69J+jxnzoXoBplolFHQ=="
src="https://apis.google.com/_/scs/abc-
```

9. **tail** : Print the last 10 lines of a given File.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ tail demo.txt
```

```
}catch(e){_._DumpException(e)}  
})(this.gbar_);  
// Google Inc.  
</script><script  
src="/xjs/_/js/k=xjs.s.en_GB.vPcWqMkFr7k.O/ck=xjs.s.lAOwC0IhIFY.L.F4.O/m=Fkg7bd,HcFEGb,IvUe,MC8mtf,OF7gzc,RMhBfe,T4BAC,  
TJw5qb,TbaHGc,Y33vzc,ZyRBae,cdos,cr,hsm,iDPoPb,jsa,mvYTse,tg8oTe,uz938c,vWNDde,ws9Tlc,yQ43ff,d,csi/am=AAAAAiYdQPg-X8  
oAAgA6hgAAALCgg0WCEFCrEwAQEg/d=1/dg=2/ct=zgms/rs=ACT90oHc8qwcXFoFCFKcn7IyigrBmSl5xw"></script>  
</body></html>
```

10. **cp** : Used to Copy a File.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ cp demo.txt demo2.txt
```

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ ls
```

```
demo2.txt Desktop Downloads Music Public Videos
```

```
demo.txt Documents examples.desktop Pictures Templates
```

11. **mv** : Used to Move a File.

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ mv demo2.txt Desktop/
```

```
guest-rfckzy@fpllab-OptiPlex-7040:~$ cd Desktop/
```

```
guest-rfckzy@fpllab-OptiPlex-7040:~/Desktop$ ls
```

```
demo2.txt Linux Commands.odt
```