

Linux Commands

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Assignment 3

Problem Statement : Study & Execution of Basic Linux Commands.

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> Execution of Commands :

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

quest-rfckzy@fp1lab-OptiPlex-7040:~\$ ls
Desktop Downloads

Music

Public

Videos

Documents
Templates

examples.desktop

Pictures

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

quest-rfckzy@fp1lab-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 -cfturSUX 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.

```
quest-rfckzy@fp1lab-OptiPlex-7040:~$ mkdir test
```

```
quest-rfckzy@fp1lab-OptiPlex-7040:~$ ls
```

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


Desktop Downloads Music

Public test

5. `rmdir` : Deletes a given Directory.

```
quest-rfckzy@fp1lab-OptiPlex-7040:~$ rmdir
```

```
test
```

```
quest-rfckzy@fp1lab-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.

```
quest-rfckzy@fp1lab-OptiPlex-7040:~$ cat
```

```
demo.txt
<html itemscope="" itemtype="http://schema.org/
SearchResultsPage" lang="en-IN"><head><meta
content="/images/branding/googleg/x/googleg_s
tandard_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.

```
quest-rfckzy@fp1lab-OptiPlex-7040:~$ head
```

```
demo.txt
```



```

<html itemscope="" itemtype="http://schema.org/
SearchResultsPage" lang="en-IN"><head><meta
content="/images/branding/googleg/x/googleg_s
tandard_color_128dp.png
itemprop="image"><meta content="origin"
name="referrer"><title>wikipedia - Google
Search</title><script async=""
nonce="+qM69J+ixnzoXoBpIoIfHQ=="
src="https://apis.google.com/_/scs/abc-static/
_/js/k=gapi.gapi.en.7KWSr24wXFc.O/m=gapi_if
rames,googleapis_client,plusone/rt=j/sv
=1/d=1/ed=1/rs=AtP0oo-i9r7IbCTUQfJOr-FPhRK
RS8aihQ/cb=gapi.loaded_0"></script><script
nonce="+qM69J+ixnzoXoBpIoIfHQ==">(function){wi
ndow.google={KEI:'4gDcXdP3JrrVz7sPw5iSwAO',
KEIEXP:'3',authuser:0,kscs:'c9c
918f0_4gDcXdP3JrrVz7sPw5iSwAO',KGL:'IN',KB
L:'Ljcm',google.sn='web',google.kHL='en'}>

```

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

```

guest-rfckzy@fp1lab-OptiPlex-7040:~$ head
demo.txt

```

```

<html itemscope="" itemtype="http://schema.org/
SearchResultsPage" lang="en-IN"><head><meta
content="/images/branding/googleg/x/googleg_s
tandard_color_128dp.png
itemprop="image"><meta content="origin"
name="referrer"><title>wikipedia - Google
Search</title><script async=""
nonce="+qM69J+ixnzoXoBpIoIfHQ=="

```


src="https://apis.google.com/_/scs/abc">

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

```
quest-rfckzy@fp1lab-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/c
k=xjs.s.lAOwCOIhIFY.L.F4.O/m=FKg7bd,HcFEG
b,IvIUe,MC8mtf,OF7qzc,RMhBfe,T4BAC,
TJw5qb,TbaHGc,Y33vzc,ZyRBae,clos,cr,hsm,iDP
oPb,jsa,mvYTse,tg8oTe,vz938c,vWNDde,ws9Tlc,yQ
43ff,d,csi/am=AAAAAsAiYdQPg-X8
oAAqAbhgAAALCggOWCEfChREwAQEg/d=1/dg
=2/ct=zgmS/rs=ACT90oHc8qwcXFoFCFKcn7Iyig
rBmS15xw"></script>
</body></html>
```

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

```
quest-rfckzy@fp1lab-OptiPlex-7040:~$ cp
demo.txt demo2.txt
quest-rfckzy@fp1lab-OptiPlex-7040:~$ ls
demo2.txt Desktop Downloads
```

Music

Public

Videos

demo.txt Documents examples.desktop Pictures
Templates

11. mv : Used to Move a File.

```
quest-rfckzy@fp1lab-OptiPlex-7040:~$ mv  
demo2.txt Desktop/
```

```
quest-rfckzy@fp1lab-OptiPlex-7040:~$ cd  
Desktop/
```

```
quest-rfckzy@fp1lab-OptiPlex-7040:~/Desktop$  
ls
```

demo2.txt Linux Commands.odt