Linux Assignment

LINUX PRACTICALS

1.   write a command to create new folder.

Command: mkdir(this command will create anew folder.)

Output:-

2.write a command to find the current path of the folder

Command:-pwd

Output:-

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```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ pwd
/home/ankush.dubey@simform.dom/Desktop
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$
```

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3.write a command to move into new created folder.

Command :-> cd new_folder_name

Output:-

```
kutr. cannot create utrectory naun : rtle exists
nkush.dubey@simform.dom@sf-cpu-551:~/Desktop$ mkdir hello
nkush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd hello
nkush.dubey@simform.dom@sf-cpu-551:~/Desktop/hello$
```

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4.write a command to create new file.

command: touch file_name

Output:-

```
/home/ankush.dubey@simform.dom/Desktop
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ touch a
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$
```

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5.write a command to add some content in a file.

Command -> cat > file_name

Output:-

```
akin jsmin jnsjorjormimn. command not found
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cat > b
hii good afternoon everyone
^C
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ grep hii b
```
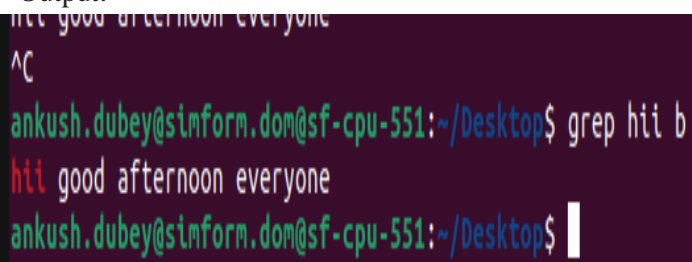
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6.write a command to find a specific word from a file.

Command -> grep word file_name

Output:-

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7.write a command to find the size of a file.

Command:- stat file_name

Output:-

```
nkush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$  stat b
 File: b
 Size: 19            Blocks: 8         IO Block: 4096    regular file
evice: fc01h/64513d     Inode: 11668279     Links: 1
ccess: (0644/-rw-r--r--)  Uid: (369203608/ankush.dubey@simform.dom)   Gid: (369200513/domain users@si
ccess: 2026-01-21 15:44:16.488682172 +0530
odify: 2026-01-21 15:44:11.970701885 +0530
hange: 2026-01-21 15:44:11.970701885 +0530
Birth: 2026-01-21 15:36:15.166745263 +0530
```

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8.write a command to rename that file

command ->mv file1 file2

Output:-

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ mv aa ab
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ dir
ab  b
```

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9.write a command to make a copy of a file with another name.

Command:- cp file1 file2

Output:-

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ cp ab az
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ dir
ab  az  b
```

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10.Write a command to show the list of files in folder.

Command-> dir

Output :-

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ dir
ab  az  b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$
```

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11. **write a command to move that file to desktop.**

Command:-> mv filename ~/Desktop/

Output:-

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ mv az ~/Downloads/
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ chmod 744 ab
chmod: cannot access 'ab': No such file or directory
```

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12.write a command to change permissions of the file.

Command:-> chmod 744 az

chmod 744 b

chmod 7 b

output:->

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ chmod 744 ab
chmod: cannot access 'ab': No such file or directory
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ chmod 744 az
chmod: cannot access 'az': No such file or directory
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ chmod 744 b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ chmod 7 b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ cd ..
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd ..
ankush.dubey@simform.dom@sf-cpu-551:~$ cd Downloads
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ rm -f az
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ dir
Employee_Acknowledgment_Summary_and_Consent.pdf  Homebrew-brew-5.0.11-8-g8582f2a\ (1).tar.gz  Homebrew-brew-5.0.11-8-g8582f2a.tar.gz  sdsf  The\ Linux\ Command\ Line.pd
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ rm -r sdsf
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ dir
```

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13. write a command to delete file

command:-> rm -r dir (delete directory)

rm -f file_name(delete file)

output:->

```
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ rm -f az
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ dir
Employee_Acknowledgment_Summary_and_Consent.pdf  Homebrew-brew-5.0.11-8-g8582f2a\ (1).tar.gz  Homebrew-brew-5.0.11-8-g8582f2a.tar.gz  sdsf  The\ Linux\ Command\ Line.pdf
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ rm -r sdsf
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ dir
```

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14. Write a command to delete created folder.

Command:-rm -r dir (delete directory dir).

Output:-

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15.write a command to command to find a any file on local machine.

Command:-find . -type f -name "file_name"

Output:-

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16.write a command to create a zip of files from specific path on local machine.

Command:-zip -r filename current_Path

Output:->

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ zip -r b /home/ankush.dubey@simform.dom/Desktop/a
  adding: home/ankush.dubey@simform.dom/Desktop/a/ (stored 0%)
  adding: home/ankush.dubey@simform.dom/Desktop/a/b (deflated 25%)
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ unzip b
Archive:  b
  End-of-central-directory signature not found.  Either this file is not
  a zipfile, or it constitutes one disk of a multi-part archive.  In the
  latter case the central directory and zipfile comment will be found on
  the last disk(s) of this archive.
note:  b may be a plain executable, not an archive
Archive:  b.zip
   creating: home/ankush.dubey@simform.dom/Desktop/a/
  inflating: home/ankush.dubey@simform.dom/Desktop/a/b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ unzip b.zip
Archive:  b.zip
replace home/ankush.dubey@simform.dom/Desktop/a/b? [y]es, [n]o, [A]ll, [N]one, [r]ename: yes
  inflating: home/ankush.dubey@simform.dom/Desktop/a/b
```

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17.write a command to unzip.

Command:-unzip file_name

Output:->


```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ zip -r b /home/ankush.dubey@simform.dom/Desktop/a
  adding: home/ankush.dubey@simform.dom/Desktop/a/ (stored 0%)
  adding: home/ankush.dubey@simform.dom/Desktop/a/b (deflated 25%)
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ unzip b
Archive:  b
  End-of-central-directory signature not found.  Either this file is not
  a zipfile, or it constitutes one disk of a multi-part archive.  In the
  latter case the central directory and zipfile comment will be found on
  the last disk(s) of this archive.
note:  b may be a plain executable, not an archive
Archive:  b.zip
   creating: home/ankush.dubey@simform.dom/Desktop/a/
  inflating: home/ankush.dubey@simform.dom/Desktop/a/b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ unzip b.zip
Archive:  b.zip
replace home/ankush.dubey@simform.dom/Desktop/a/b? [y]es, [n]o, [A]ll, [N]one, [r]ename: yes
  inflating: home/ankush.dubey@simform.dom/Desktop/a/b
```

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Linux Assignment

LINUX PRACTICALS

18. Write a command to download file from specific location on the internet.

Command:-wget link/path/to/file.zip

Output:-

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ wget welocme.com
--2026-01-22 17:03:45--  http://welocme.com/
Resolving welocme.com (welocme.com)... failed: Name or service not known.
```

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LINUX PRACTICALS

19. **Write command to see last 10 lines of a file.**

Command:-> tail filename

Output:-

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ stat b
  File: b
  Size: 67          Blocks: 8       IO Block: 4096   regular file
Device: fc01h/64513d    Inode: 11668280    Links: 1
Access: (0744/-rwxr--r--)  Uid: (369203608/ankush.dubey@simform.dom)   Gid: (369200513/domain users@simform.dom)
Access: 2026-01-21 16:18:53.054207731 +0530
Modify: 2026-01-21 16:18:44.697243064 +0530
Change: 2026-01-21 16:18:44.698243060 +0530
 Birth: 2026-01-21 16:18:44.697243064 +0530
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ tail b

fe
ef
f
eef

f
f
f
```

s

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20.Write command to see history of a file.

Command-> stat filename

Output:-

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ stat b
  File: b
  Size: 67          Blocks: 8        IO Block: 4096    regular file
Device: fc01h/64513d    Inode: 11668280    Links: 1
Access: (0744/-rwxr--r--)  Uid: (369203608/ankush.dubey@simform.dom)    Gid: (369200513/domain users@simform.dom)
Access: 2026-01-21 16:18:53.054207731 +0530
Modify: 2026-01-21 16:18:44.697243064 +0530
Change: 2026-01-21 16:18:44.698243060 +0530
 Birth: 2026-01-21 16:18:44.697243064 +0530
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/a$ tail b

fe
ef
f
eef

f
f
f
```

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