



Linux Basic Commands Assignment

Assignment Part-3

Playing with files

1. Create a file like `nano file1.txt`

- Edit some data and then save the file

A terminal window titled "sheel@localhost:~" with a menu bar (File, Edit, View, Search, Terminal, Help). The command prompt shows "[root@localhost ~]# nano file1.txt". The terminal background is dark blue.

```
sheel@localhost:~  
File Edit View Search Terminal Help  
[root@localhost ~]# nano file1.txt
```

2. Now we will copy data from file1 to new file2

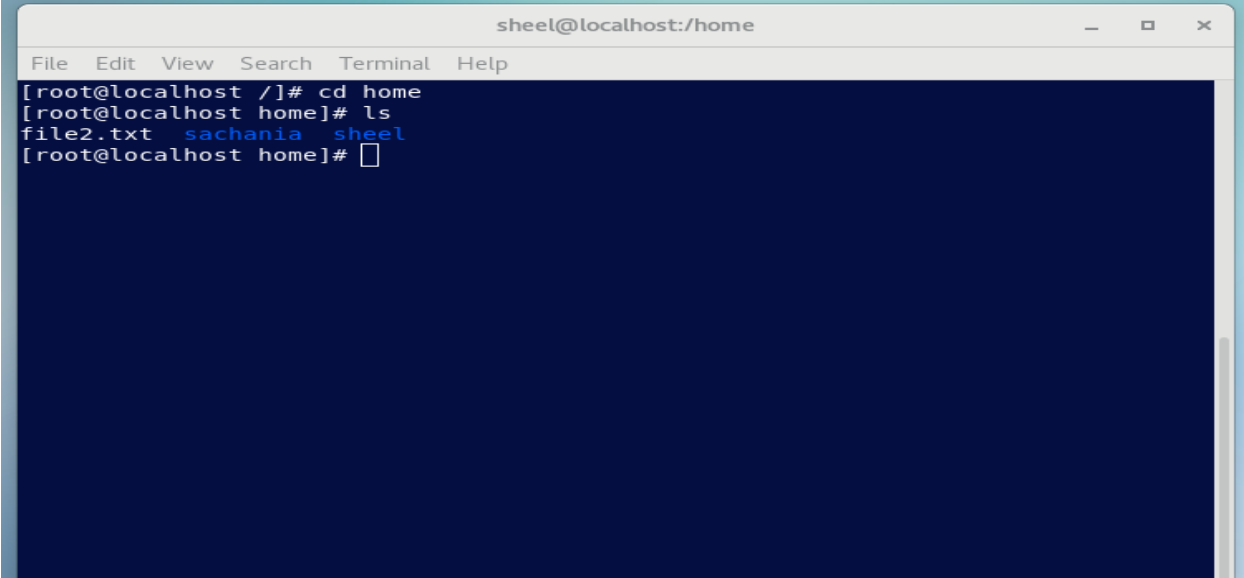
- o **`cp file1.txt file2.txt`**
- o Then see the output of file2.txt, **`cat file2.txt`**
- o Give screenshot

A terminal window titled "sheel@localhost:~" with a menu bar (File, Edit, View, Search, Terminal, Help). The command prompt shows a sequence of commands: "nano file1.txt", "cp file1.txt file2.txt", and "cat file2.txt". The output of "cat file2.txt" is "Hello Good Morning !". Below this, the text "This is file 1" is visible, followed by the command prompt "[root@localhost ~]#". The terminal background is dark blue.

```
sheel@localhost:~  
File Edit View Search Terminal Help  
[root@localhost ~]# nano file1.txt  
[root@localhost ~]# cp file1.txt file2.txt  
[root@localhost ~]# cat file2.txt  
Hello Good Morning !  
  
This is file 1  
[root@localhost ~]#
```

3. Now we will move the file2.txt to new folder **/home**

- o **mv file2.txt /home**
- o Then go to **home** directory and check **ls**, file exists or not?
→ **YES FILE2.TXT EXISTS IN HOME DIRECTORY**
- o Given screenshot

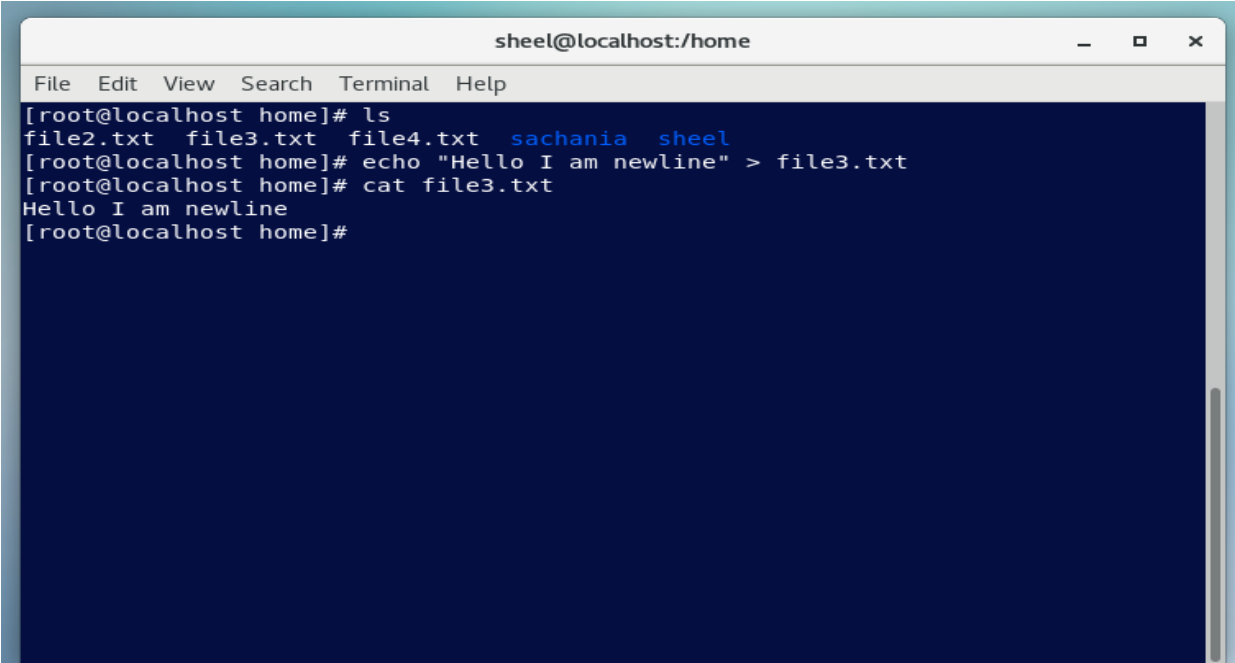


A terminal window titled 'sheel@localhost:/home' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[root@localhost /]# cd home
[root@localhost home]# ls
file2.txt  sachania  sheel
[root@localhost home]#
```

4. Then we create a new **file3.txt** and **file4.txt** in **home** directory and add content in it.

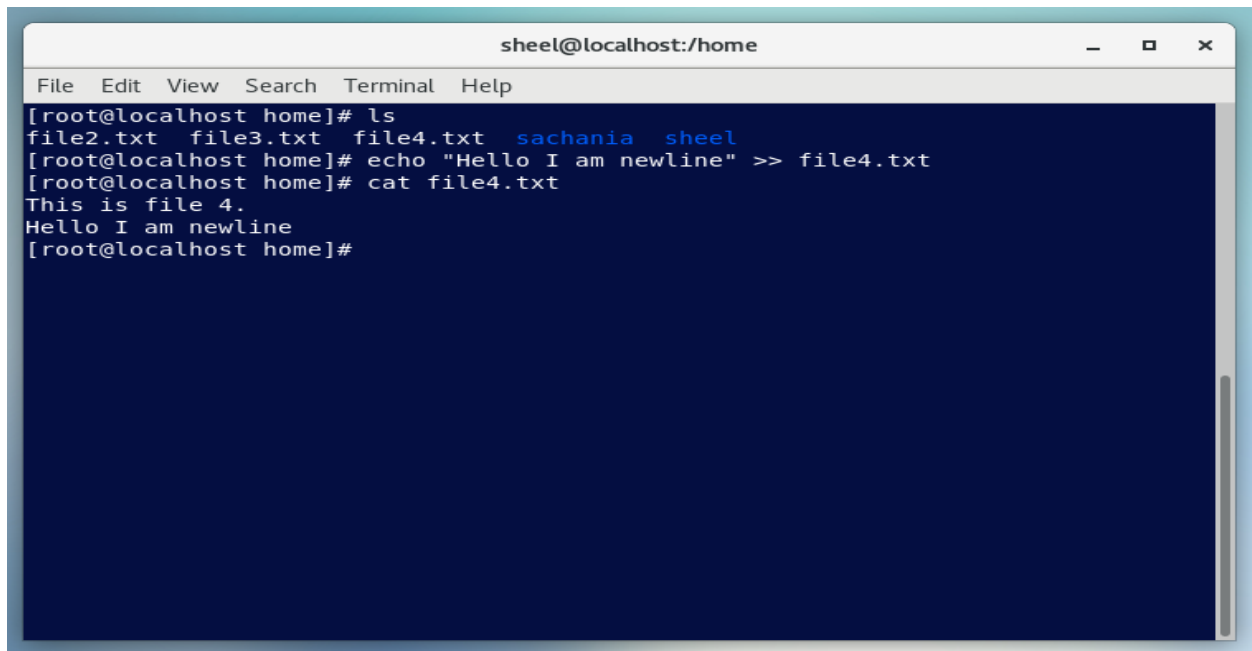
- o Now do **echo "Hello I am newline" > file3.txt** and provide the output of file3.txt



A terminal window titled 'sheel@localhost:/home' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[root@localhost home]# ls
file2.txt  file3.txt  file4.txt  sachania  sheel
[root@localhost home]# echo "Hello I am newline" > file3.txt
[root@localhost home]# cat file3.txt
Hello I am newline
[root@localhost home]#
```

- o Now do **echo "Hello I am newline" >> file4.txt** and provide the output of file4.txt

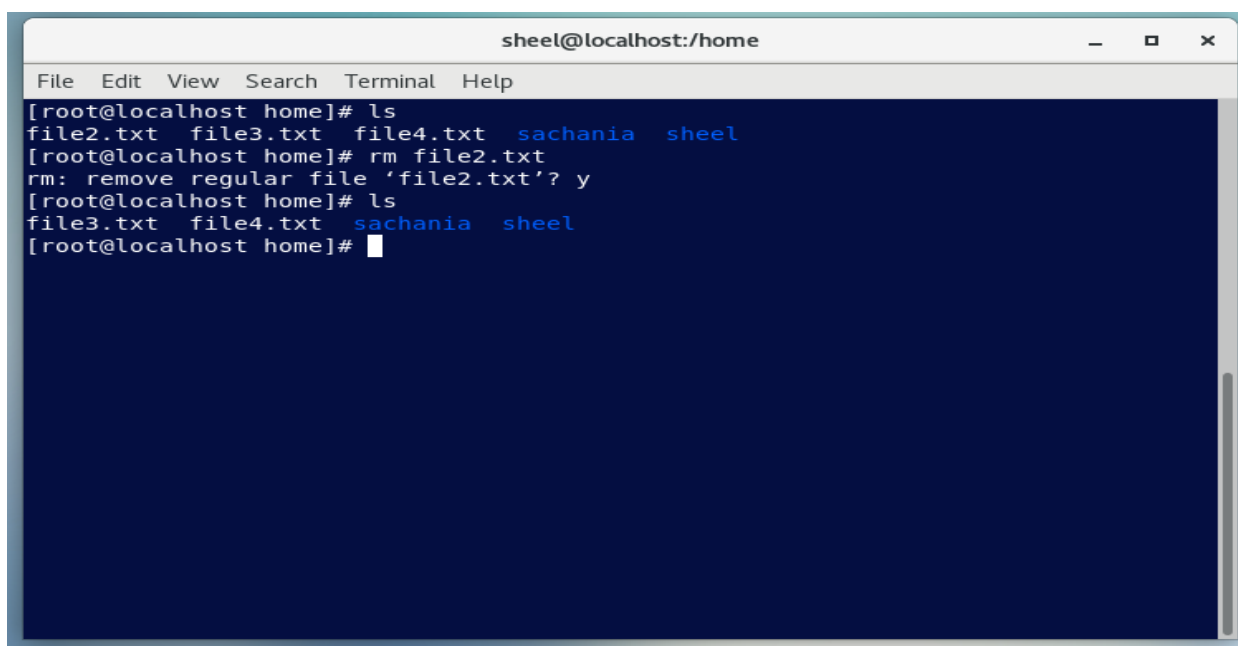
A terminal window titled 'sheel@localhost:/home' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[root@localhost home]# ls
file2.txt  file3.txt  file4.txt  sachania  sheel
[root@localhost home]# echo "Hello I am newline" >> file4.txt
[root@localhost home]# cat file4.txt
This is file 4.
Hello I am newline
[root@localhost home]#
```

- o Tell the different between both step you follow and the reason behind it

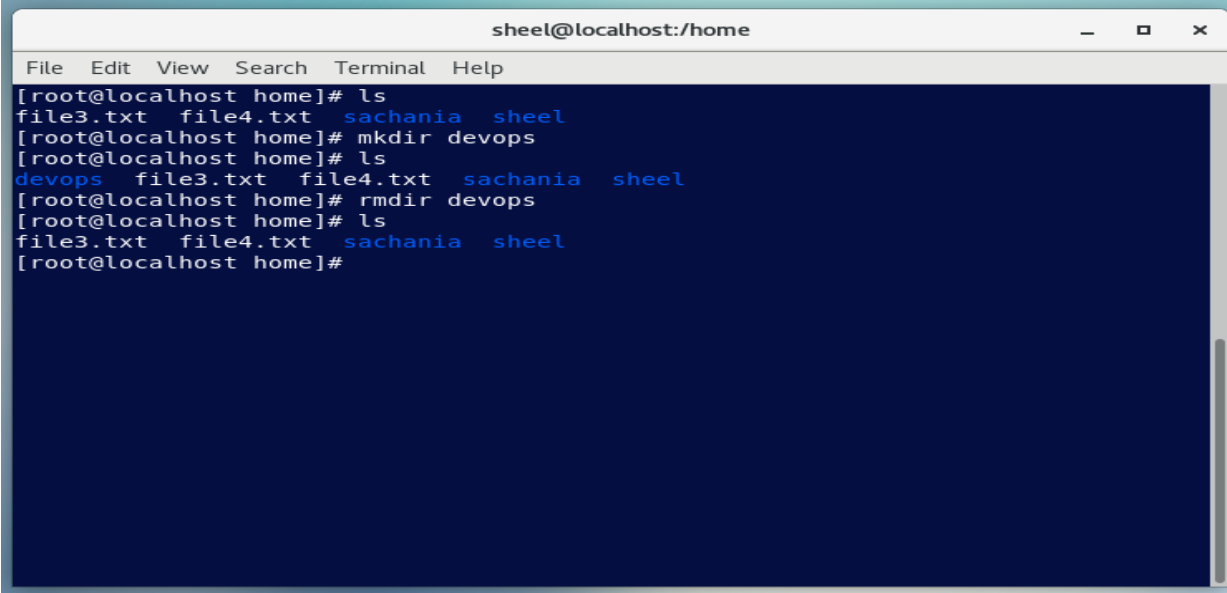
5. For remove a file or directory you can use the below two commands

- o To delete a file – **rm <any_filename>**

A terminal window titled 'sheel@localhost:/home' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[root@localhost home]# ls
file2.txt  file3.txt  file4.txt  sachania  sheel
[root@localhost home]# rm file2.txt
rm: remove regular file 'file2.txt'? y
[root@localhost home]# ls
file3.txt  file4.txt  sachania  sheel
[root@localhost home]#
```

- o To delete a directory - **rmdir** <any_directoryname>

A terminal window titled 'sheel@localhost:/home' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows a sequence of commands: 'ls' (listing file3.txt, file4.txt, sachania, sheel), 'mkdir devops', 'ls' (listing devops, file3.txt, file4.txt, sachania, sheel), 'rmdir devops', and 'ls' (listing file3.txt, file4.txt, sachania, sheel). The 'devops' directory is successfully removed.

```
sheel@localhost:/home
File Edit View Search Terminal Help
[root@localhost home]# ls
file3.txt  file4.txt  sachania  sheel
[root@localhost home]# mkdir devops
[root@localhost home]# ls
devops    file3.txt  file4.txt  sachania  sheel
[root@localhost home]# rmdir devops
[root@localhost home]# ls
file3.txt  file4.txt  sachania  sheel
[root@localhost home]#
```

