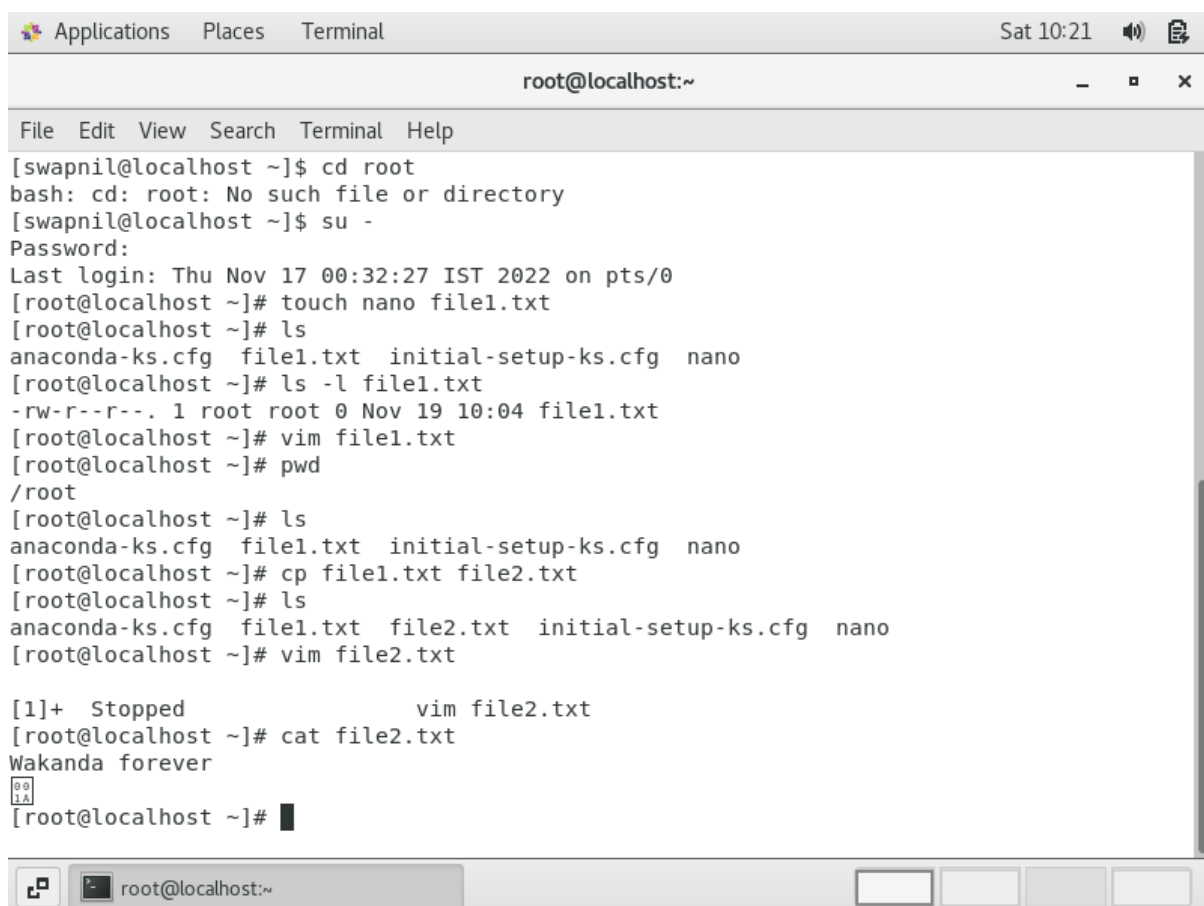


Assignment Part-3

Playing with files

1. Create a file like nano file1.txt
 - o Edit some data and then save the file
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

Ans:



```
Applications  Places  Terminal  Sat 10:21  [Speaker Icon] [Window Icon]
root@localhost:~
File Edit View Search Terminal Help
[swapnil@localhost ~]$ cd root
bash: cd: root: No such file or directory
[swapnil@localhost ~]$ su -
Password:
Last login: Thu Nov 17 00:32:27 IST 2022 on pts/0
[root@localhost ~]# touch nano file1.txt
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# ls -l file1.txt
-rw-r--r--. 1 root root 0 Nov 19 10:04 file1.txt
[root@localhost ~]# vim file1.txt
[root@localhost ~]# pwd
/root
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# cp file1.txt file2.txt
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  file2.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# vim file2.txt

[1]+  Stopped                  vim file2.txt
[root@localhost ~]# cat file2.txt
Wakanda forever
[00]
[1A]
[root@localhost ~]#
```

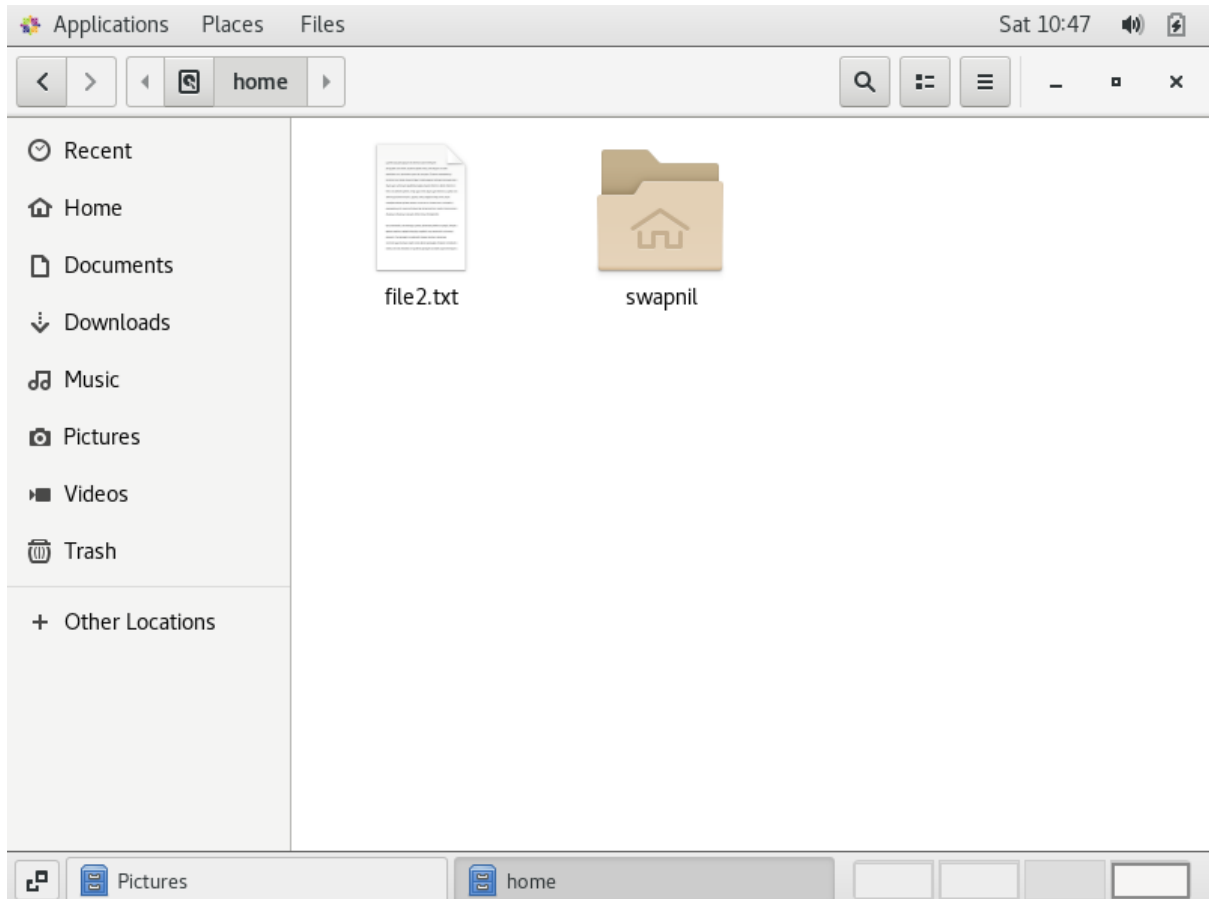
3. Now we will move the file2.txt to new folder /home

o `mv file2.txt /home`

o Then go to home directory and check `ls`, file exists or not?

o Given screenshot

Ans:



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

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

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

```
Applications  Places  Terminal  Sat 10:50  [Speaker Icon] [Network Icon]

root@localhost:~

File Edit View Search Terminal Help

[root@localhost ~]# mv file2.txt/home
mv: missing destination file operand after 'file2.txt/home'
Try 'mv --help' for more information.
[root@localhost ~]# mv file2.txt /home
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# cd home
-bash: cd: home: No such file or directory
[root@localhost ~]# echo " Hello my name is Swapnil "> file3.txt
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  file3.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# vim file3.txt

[2]+  Stopped                  vim file3.txt
[root@localhost ~]# echo "Hello i am dwivedi" >> file4.txt
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  file3.txt  file4.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# echo * file4.txt
anaconda-ks.cfg file1.txt file3.txt file4.txt initial-setup-ks.cfg nano file4.txt
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  file3.txt  file4.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# vi file4.txt

[3]+  Stopped                  vi file4.txt
[root@localhost ~]# vi file3.txt
```

```
Applications  Places  Terminal  Sat 10:41  [Speaker Icon] [Network Icon]

root@localhost:~

File Edit View Search Terminal Help

[root@localhost ~]# vi file4.txt

[3]+  Stopped                  vi file4.txt
[root@localhost ~]# vi file3.txt

[4]+  Stopped                  vi file3.txt
[root@localhost ~]# vi file3.txt

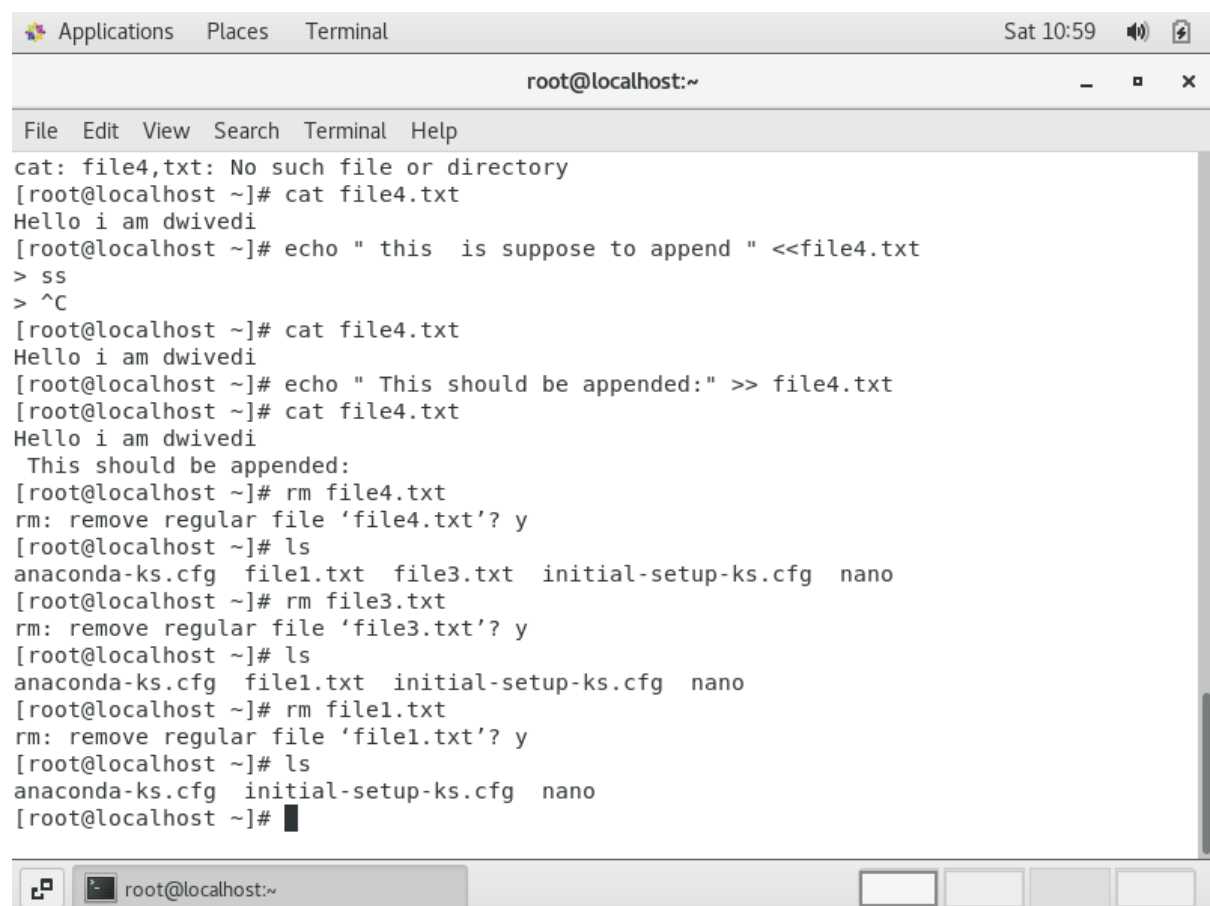
[5]+  Stopped                  vi file3.txt
[root@localhost ~]# cat file3.txt
Hello my name is Swapnil
[root@localhost ~]# cat file4.txt
cat: file4.txt: No such file or directory
[root@localhost ~]# cat file4.txt
Hello i am dwivedi
[root@localhost ~]# echo " this is suppose to append " <<file4.txt
> ss
> ^C
[root@localhost ~]# cat file4.txt
Hello i am dwivedi
[root@localhost ~]# echo " This should be appended:" >> file4.txt
[root@localhost ~]# cat file4.txt
Hello i am dwivedi
This should be appended:
[root@localhost ~]#
```

When we use `echo " My name is Swapnil" > file3.txt` , it will create a file by the name file3.txt and will write " My name is Swapnil" inside that also it can overwrite if there is already some content inside file3.txt.

Whereas when we use `" Hello I am Dwivedi" >>file4.txt`, it will again do the same thing but if we would have used `" Hello I am Dwivedi" >>file3.txt` , then it would have appended the content at the end of whatever is already written in file3.txt.

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

o To delete a file – `rm <any_filename>`



```
Applications  Places  Terminal  Sat 10:59  [Speaker Icon] [Refresh Icon]
root@localhost:~
File Edit View Search Terminal Help
cat: file4.txt: No such file or directory
[root@localhost ~]# cat file4.txt
Hello i am dwivedi
[root@localhost ~]# echo " this is suppose to append " <<file4.txt
> ss
> ^C
[root@localhost ~]# cat file4.txt
Hello i am dwivedi
[root@localhost ~]# echo " This should be appended:" >> file4.txt
[root@localhost ~]# cat file4.txt
Hello i am dwivedi
This should be appended:
[root@localhost ~]# rm file4.txt
rm: remove regular file 'file4.txt'? y
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  file3.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# rm file3.txt
rm: remove regular file 'file3.txt'? y
[root@localhost ~]# ls
anaconda-ks.cfg  file1.txt  initial-setup-ks.cfg  nano
[root@localhost ~]# rm file1.txt
rm: remove regular file 'file1.txt'? y
[root@localhost ~]# ls
anaconda-ks.cfg  initial-setup-ks.cfg  nano
[root@localhost ~]#
```