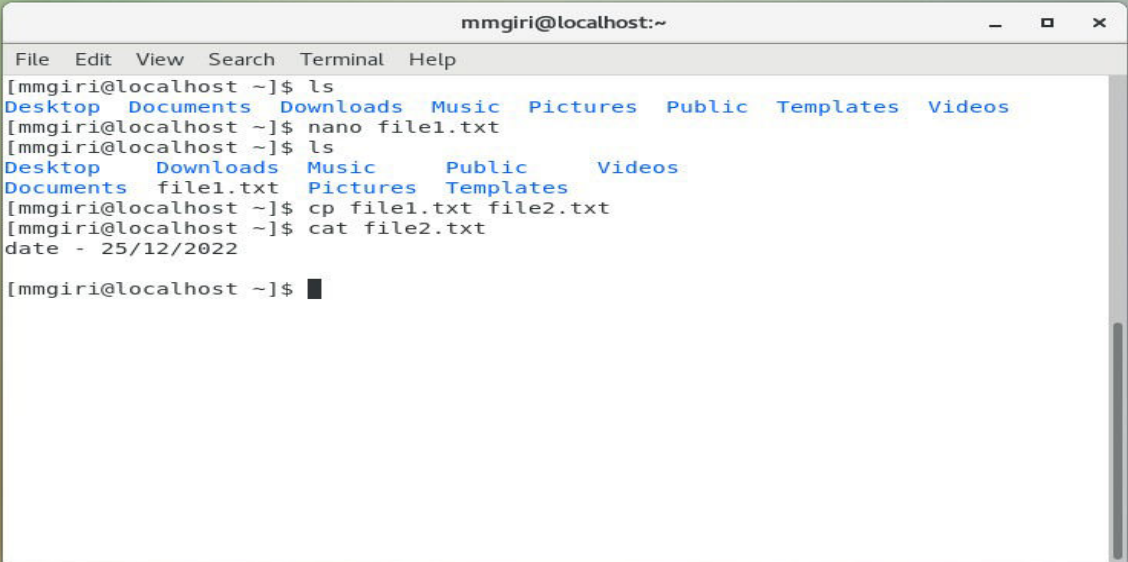


## ASSIGNMENT SET -2

### Assignment Part-3

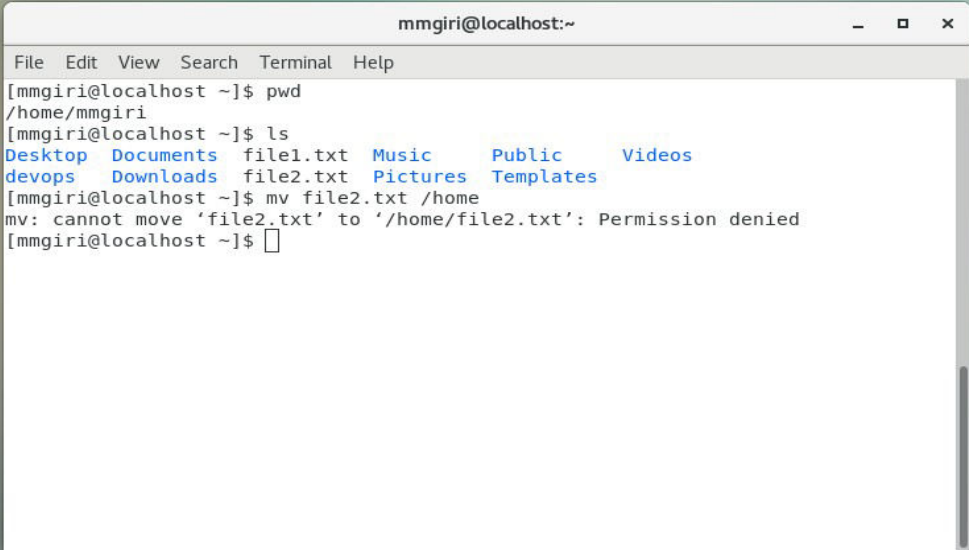
Q1) and Q2)



```
mmgiri@localhost:~  
File Edit View Search Terminal Help  
[mmgiri@localhost ~]$ ls  
Desktop Documents Downloads Music Pictures Public Templates Videos  
[mmgiri@localhost ~]$ nano file1.txt  
[mmgiri@localhost ~]$ ls  
Desktop Downloads Music Public Videos  
Documents file1.txt Pictures Templates  
[mmgiri@localhost ~]$ cp file1.txt file2.txt  
[mmgiri@localhost ~]$ cat file2.txt  
date - 25/12/2022  
[mmgiri@localhost ~]$
```

I used nano to edit the file  
then used cp – copy the file content to another file  
and print the output through cat command.

Q3)

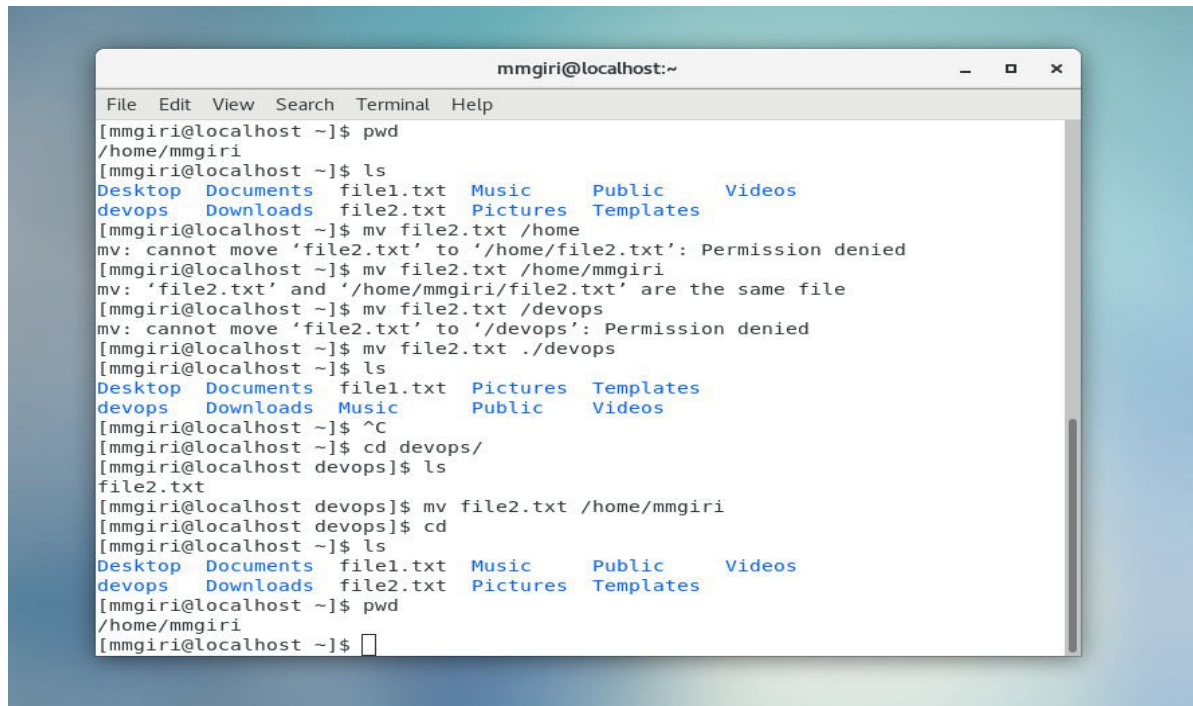


```
mmgiri@localhost:~  
File Edit View Search Terminal Help  
[mmgiri@localhost ~]$ pwd  
/home/mmgiri  
[mmgiri@localhost ~]$ ls  
Desktop Documents file1.txt Music Public Videos  
devops Downloads file2.txt Pictures Templates  
[mmgiri@localhost ~]$ mv file2.txt /home  
mv: cannot move 'file2.txt' to '/home/file2.txt': Permission denied  
[mmgiri@localhost ~]$
```

In this I used

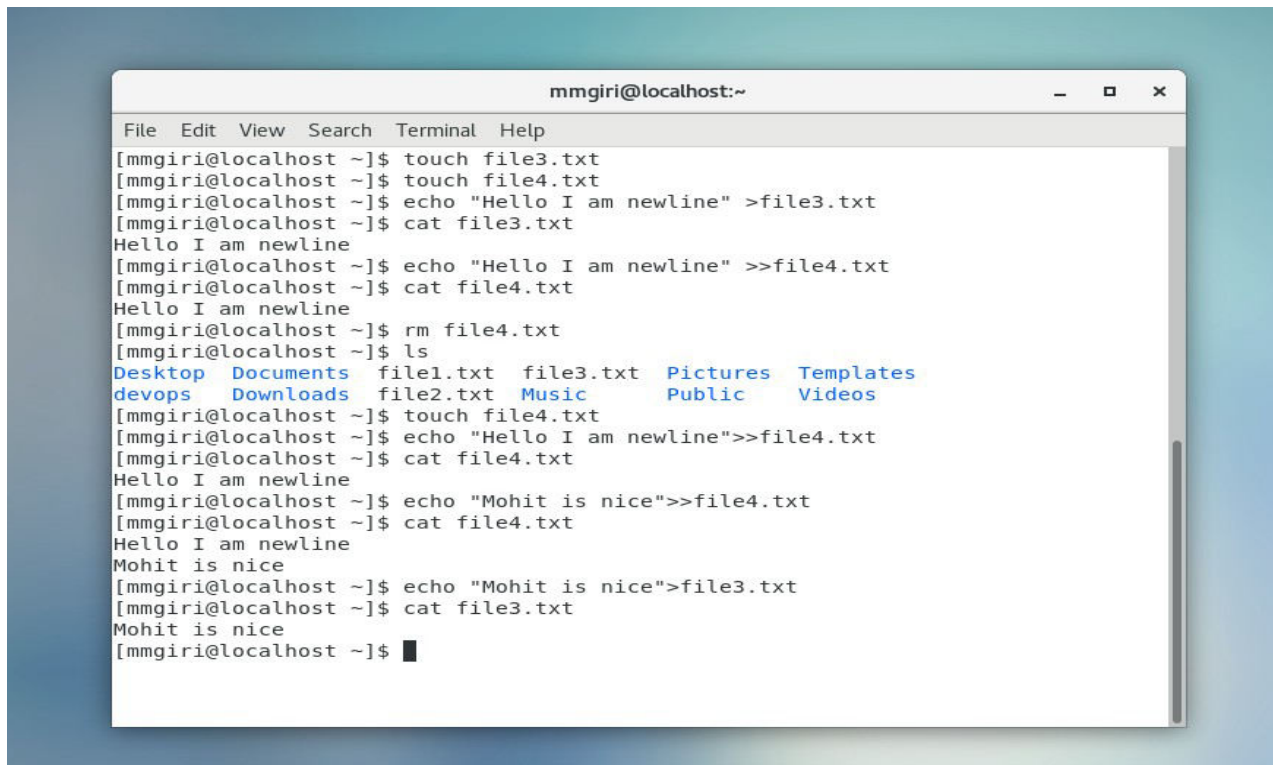
`mv file2.txt /home` but it popped up with a permission denied message. So, as the file is already inside home directory it that is `/home/username` and when on trying to keep the file in `/home` it denies because on that space only users can be present.

I tried moving to a different directory that is to `devops` directory and again back to home directory. Referred below as per the screenshot.



```
mmgiri@localhost:~  
File Edit View Search Terminal Help  
[mmgiri@localhost ~]$ pwd  
/home/mmgiri  
[mmgiri@localhost ~]$ ls  
Desktop  Documents  file1.txt  Music      Public      Videos  
devops   Downloads  file2.txt  Pictures   Templates  
[mmgiri@localhost ~]$ mv file2.txt /home  
mv: cannot move 'file2.txt' to '/home/file2.txt': Permission denied  
[mmgiri@localhost ~]$ mv file2.txt /home/mmgiri  
mv: 'file2.txt' and '/home/mmgiri/file2.txt' are the same file  
[mmgiri@localhost ~]$ mv file2.txt /devops  
mv: cannot move 'file2.txt' to '/devops': Permission denied  
[mmgiri@localhost ~]$ mv file2.txt ./devops  
[mmgiri@localhost ~]$ ls  
Desktop  Documents  file1.txt  Pictures   Templates  
devops   Downloads  Music      Public      Videos  
[mmgiri@localhost ~]$ ^C  
[mmgiri@localhost ~]$ cd devops/  
[mmgiri@localhost devops]$ ls  
file2.txt  
[mmgiri@localhost devops]$ mv file2.txt /home/mmgiri  
[mmgiri@localhost devops]$ cd  
[mmgiri@localhost ~]$ ls  
Desktop  Documents  file1.txt  Music      Public      Videos  
devops   Downloads  file2.txt  Pictures   Templates  
[mmgiri@localhost ~]$ pwd  
/home/mmgiri  
[mmgiri@localhost ~]$
```

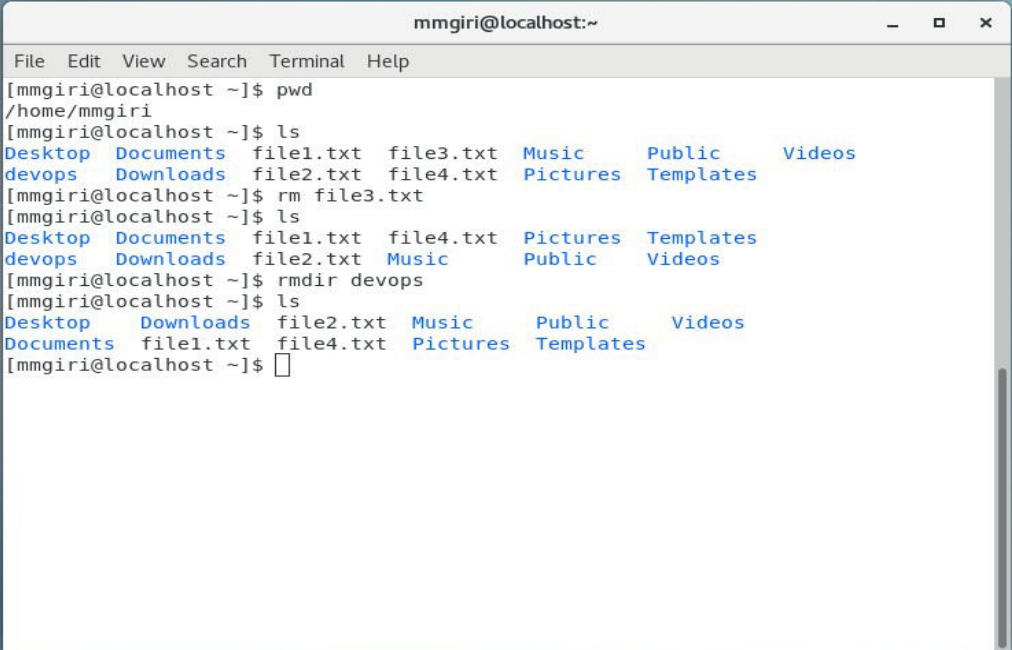
Q4)



```
mmgiri@localhost:~  
File Edit View Search Terminal Help  
[mmgiri@localhost ~]$ touch file3.txt  
[mmgiri@localhost ~]$ touch file4.txt  
[mmgiri@localhost ~]$ echo "Hello I am newline" >file3.txt  
[mmgiri@localhost ~]$ cat file3.txt  
Hello I am newline  
[mmgiri@localhost ~]$ echo "Hello I am newline" >>file4.txt  
[mmgiri@localhost ~]$ cat file4.txt  
Hello I am newline  
[mmgiri@localhost ~]$ rm file4.txt  
[mmgiri@localhost ~]$ ls  
Desktop  Documents  file1.txt  file3.txt  Pictures   Templates  
devops   Downloads  file2.txt  Music      Public      Videos  
[mmgiri@localhost ~]$ touch file4.txt  
[mmgiri@localhost ~]$ echo "Hello I am newline">>file4.txt  
[mmgiri@localhost ~]$ cat file4.txt  
Hello I am newline  
[mmgiri@localhost ~]$ echo "Mohit is nice">>file4.txt  
[mmgiri@localhost ~]$ cat file4.txt  
Hello I am newline  
Mohit is nice  
[mmgiri@localhost ~]$ echo "Mohit is nice">file3.txt  
[mmgiri@localhost ~]$ cat file3.txt  
Mohit is nice  
[mmgiri@localhost ~]$
```

The difference between the echo with “>” and echo with “>>” is that with single “>” it overwrites the previously written texts and on the other hand using double “>>” append the new text to the new line in the file.

Q5)

A terminal window titled 'mmgiri@localhost:~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows a series of commands and their outputs. The user runs 'pwd' and gets '/home/mmgiri'. Then 'ls' is run, showing a directory listing with files and folders. Next, 'rm file3.txt' is executed. Then 'ls' is run again, showing the updated directory listing. Finally, 'rmdir devops' is run, and 'ls' is run one more time to show the final state of the directory.

```
mmgiri@localhost:~  
File Edit View Search Terminal Help  
[mmgiri@localhost ~]$ pwd  
/home/mmgiri  
[mmgiri@localhost ~]$ ls  
Desktop Documents file1.txt file3.txt Music Public Videos  
devops Downloads file2.txt file4.txt Pictures Templates  
[mmgiri@localhost ~]$ rm file3.txt  
[mmgiri@localhost ~]$ ls  
Desktop Documents file1.txt file4.txt Pictures Templates  
devops Downloads file2.txt Music Public Videos  
[mmgiri@localhost ~]$ rmdir devops  
[mmgiri@localhost ~]$ ls  
Desktop Downloads file2.txt Music Public Videos  
Documents file1.txt file4.txt Pictures Templates  
[mmgiri@localhost ~]$
```

on using

rm file3.txt – it removes from the home directory and further on doing ls we see the updates list of directory and the file being removed

rmdir devops – it removes a directory inside home directory.