

Name: Anand Kumar Gupta Email id: ananddkg99.9@gmail.com

Assignment 2

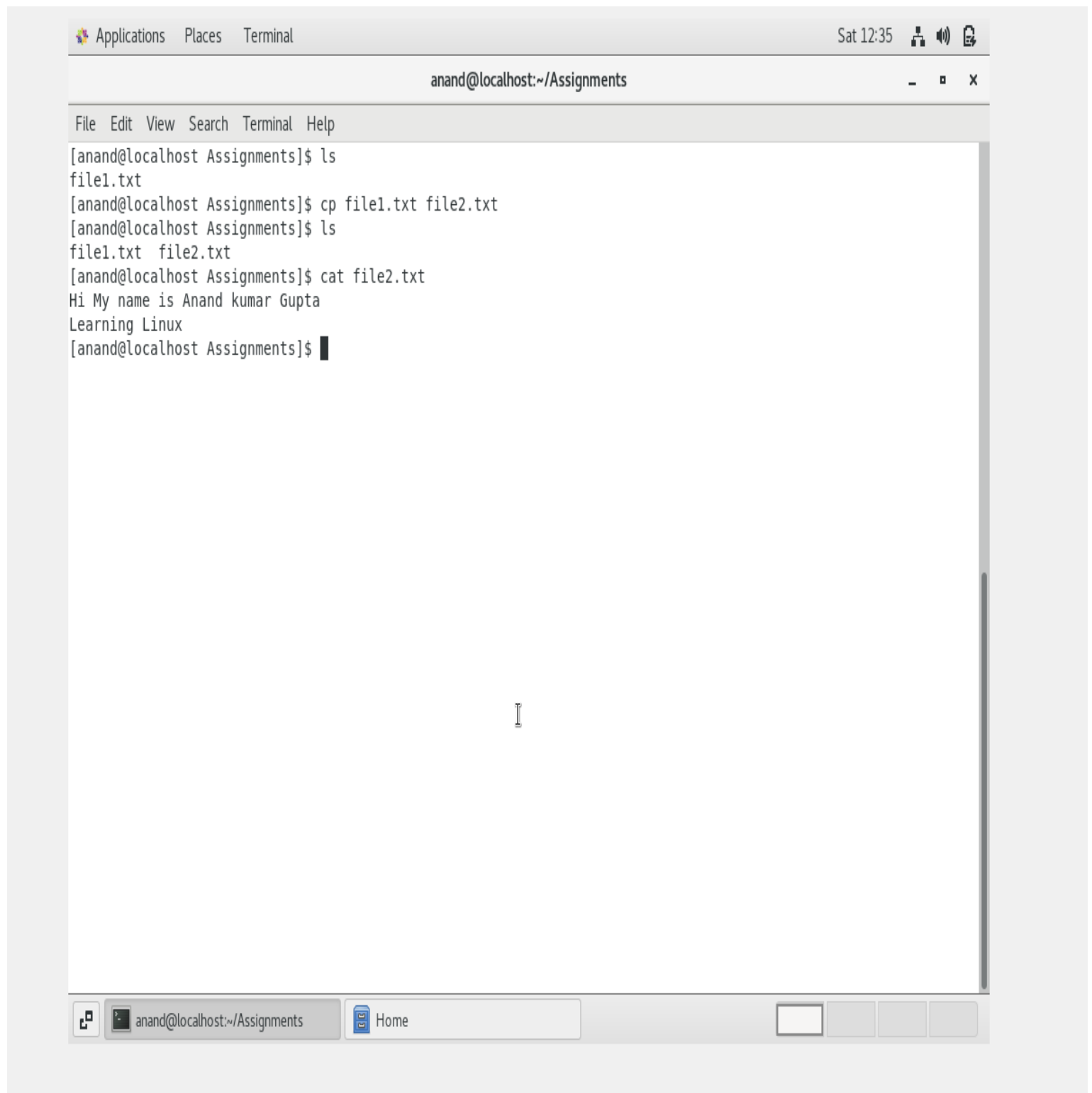
Q1) nano file1.txt



```
Applications Places Terminal Sat 12:27
anand@localhost:~/Assignments
File Edit View Search Terminal Help
[anand@localhost ~]$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
[anand@localhost ~]$ pwd
/home/anand
[anand@localhost ~]$ mkdir Assignments
[anand@localhost ~]$ ls
Assignments Desktop Documents Downloads Music Pictures Public Templates Videos
[anand@localhost ~]$ cd Assignments/
[anand@localhost Assignments]$ ls
[anand@localhost Assignments]$ nano file1.txt
[anand@localhost Assignments]$ cat file1.txt
Hi My name is Anand kumar Gupta
Learning Linux
[anand@localhost Assignments]$ clear

[anand@localhost Assignments]$
```

Q2) cp file1.txt to file2.txt

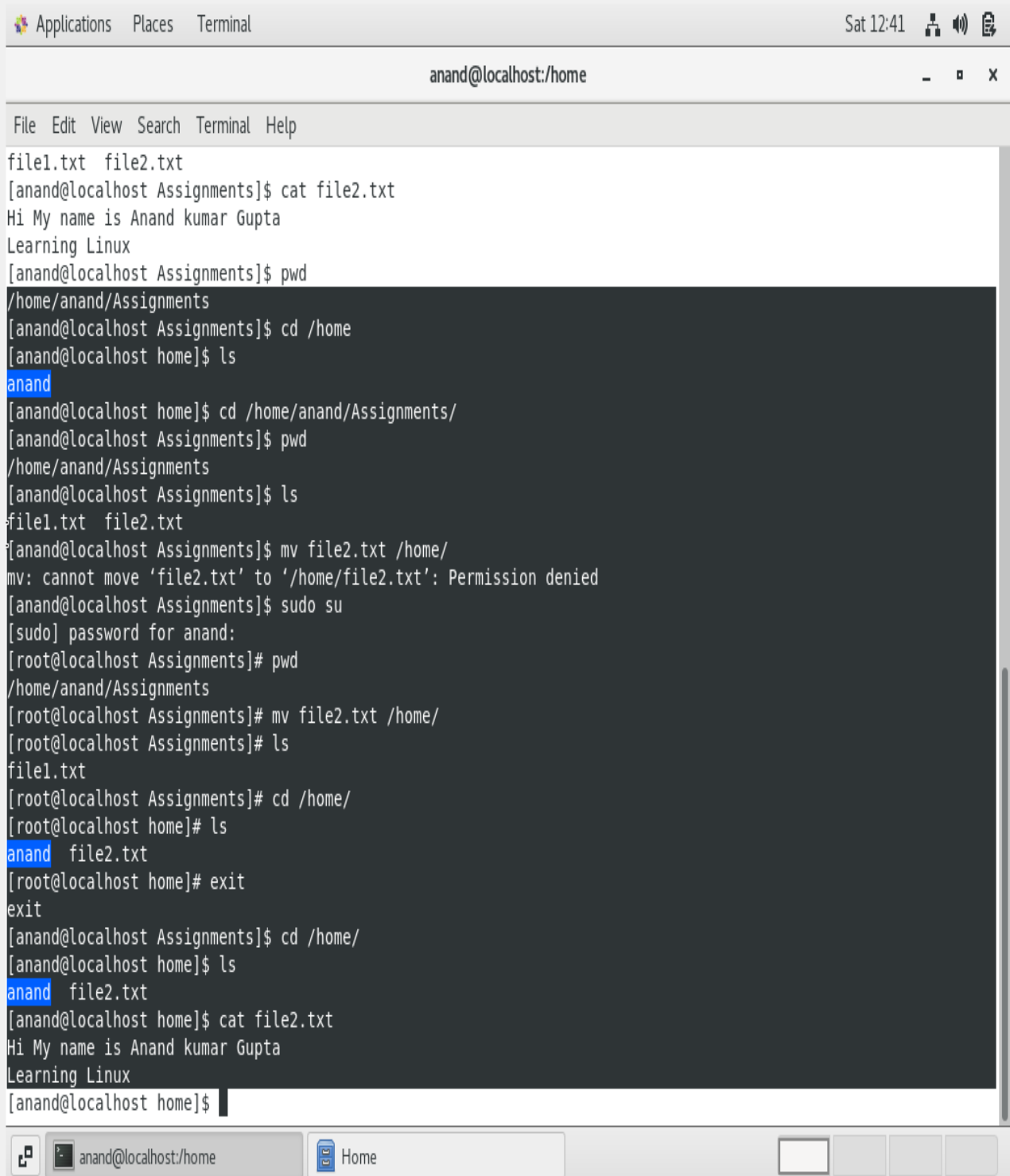


The image shows a Linux desktop environment with a terminal window open. The terminal window has a title bar with 'Applications', 'Places', and 'Terminal' menus. The status bar shows 'Sat 12:35' and system icons. The terminal title is 'anand@localhost:~/Assignments'. The terminal content shows the following commands and output:

```
File Edit View Search Terminal Help
[anand@localhost Assignments]$ ls
file1.txt
[anand@localhost Assignments]$ cp file1.txt file2.txt
[anand@localhost Assignments]$ ls
file1.txt file2.txt
[anand@localhost Assignments]$ cat file2.txt
Hi My name is Anand kumar Gupta
Learning Linux
[anand@localhost Assignments]$
```

The terminal window has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The status bar at the bottom shows the current directory 'anand@localhost:~/Assignments' and a 'Home' button. There are also some empty square buttons on the right side of the status bar.

Q3) mv file2.txt to /home



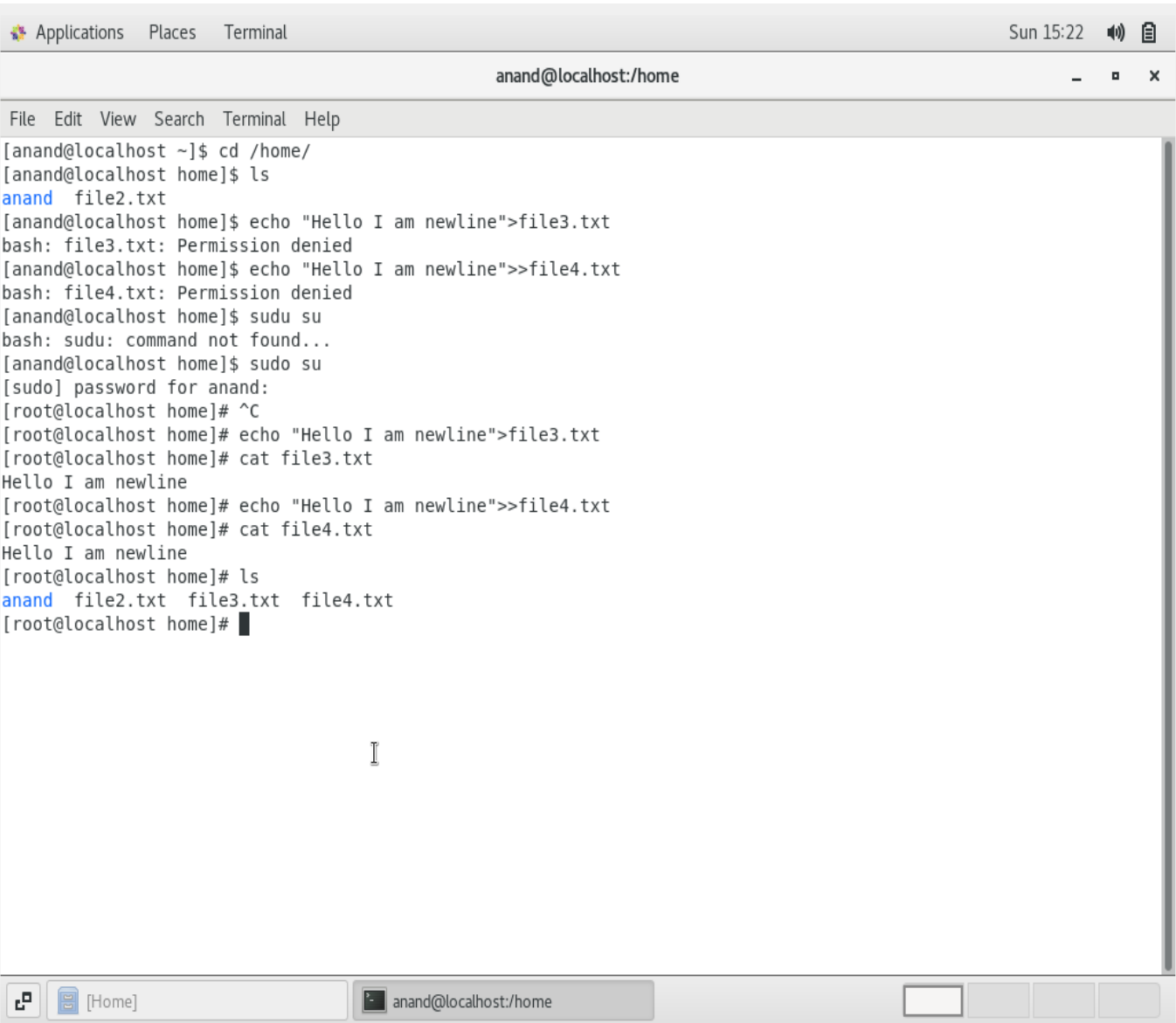
```
Applications  Places  Terminal  Sat 12:41
anand@localhost:/home
File Edit View Search Terminal Help
file1.txt file2.txt
[anand@localhost Assignments]$ cat file2.txt
Hi My name is Anand kumar Gupta
Learning Linux
[anand@localhost Assignments]$ pwd
/home/anand/Assignments
[anand@localhost Assignments]$ cd /home
[anand@localhost home]$ ls
anand
[anand@localhost home]$ cd /home/anand/Assignments/
[anand@localhost Assignments]$ pwd
/home/anand/Assignments
[anand@localhost Assignments]$ ls
file1.txt file2.txt
[anand@localhost Assignments]$ mv file2.txt /home/
mv: cannot move 'file2.txt' to '/home/file2.txt': Permission denied
[anand@localhost Assignments]$ sudo su
[sudo] password for anand:
[root@localhost Assignments]# pwd
/home/anand/Assignments
[root@localhost Assignments]# mv file2.txt /home/
[root@localhost Assignments]# ls
file1.txt
[root@localhost Assignments]# cd /home/
[root@localhost home]# ls
anand file2.txt
[root@localhost home]# exit
exit
[anand@localhost Assignments]$ cd /home/
[anand@localhost home]$ ls
anand file2.txt
[anand@localhost home]$ cat file2.txt
Hi My name is Anand kumar Gupta
Learning Linux
[anand@localhost home]$
```

To move file in /home . I had to login an as root.

Q4) creating a file3.txt and file4.txt

echo "Hello I am newline"> file3.txt

echo "Hello I am newline">>file4.txt



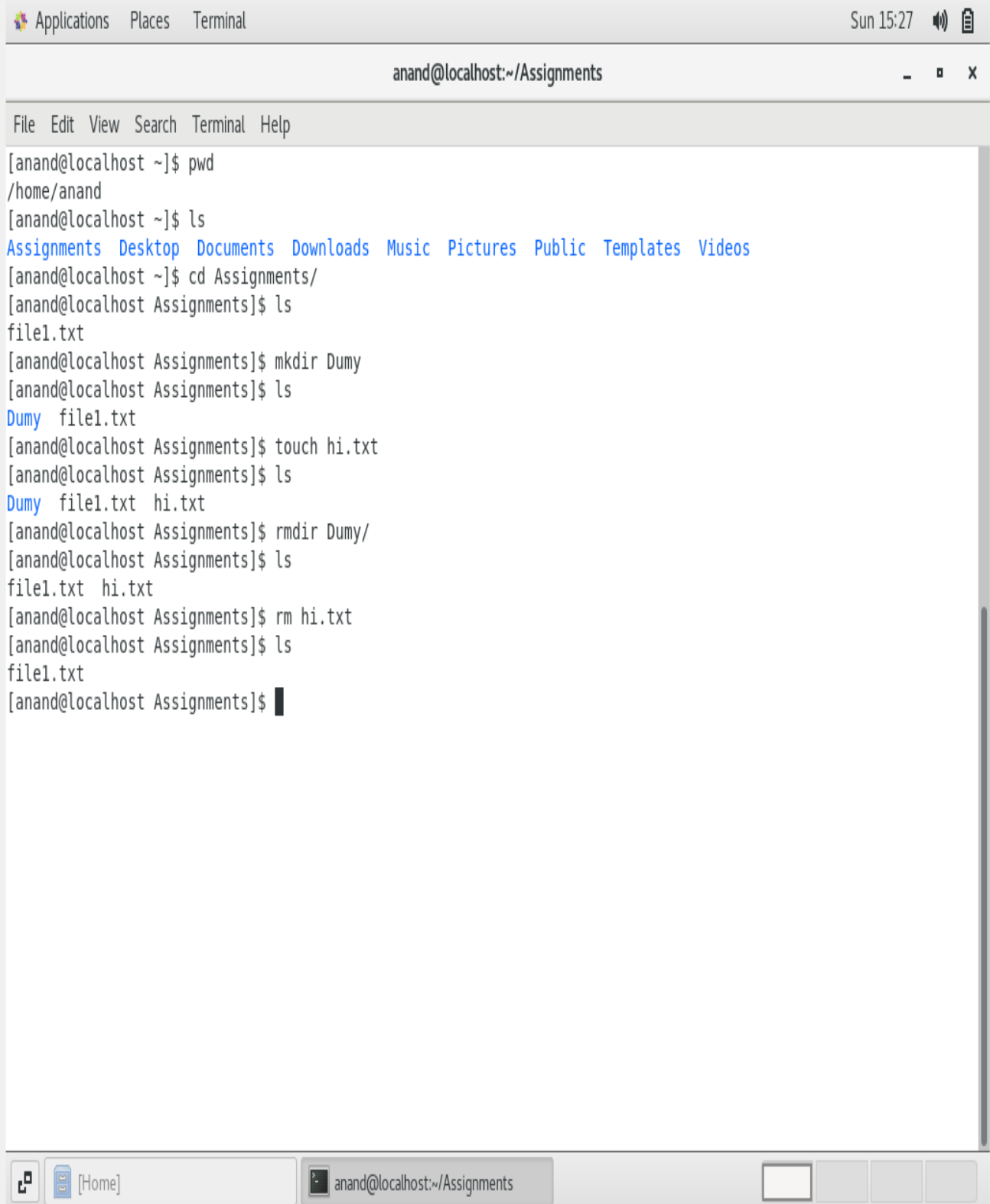
The image shows a terminal window titled "anand@localhost:/home". The window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal output is as follows:

```
[anand@localhost ~]$ cd /home/
[anand@localhost home]$ ls
anand file2.txt
[anand@localhost home]$ echo "Hello I am newline">file3.txt
bash: file3.txt: Permission denied
[anand@localhost home]$ echo "Hello I am newline">>file4.txt
bash: file4.txt: Permission denied
[anand@localhost home]$ sudo su
bash: sudo: command not found...
[anand@localhost home]$ sudo su
[sudo] password for anand:
[root@localhost home]# ^C
[root@localhost home]# echo "Hello I am newline">file3.txt
[root@localhost home]# cat file3.txt
Hello I am newline
[root@localhost home]# echo "Hello I am newline">>file4.txt
[root@localhost home]# cat file4.txt
Hello I am newline
[root@localhost home]# ls
anand file2.txt file3.txt file4.txt
[root@localhost home]#
```

The terminal window has a status bar at the bottom showing a home icon, "[Home]", a terminal icon, "anand@localhost:/home", and several empty buttons.

I didn't find any difference.

Q5) using rm and rmdir



```
Applications  Places  Terminal  Sun 15:27  [Speaker Icon] [Window Icon]
anand@localhost:~/Assignments

File Edit View Search Terminal Help

[anand@localhost ~]$ pwd
/home/anand
[anand@localhost ~]$ ls
Assignments Desktop Documents Downloads Music Pictures Public Templates Videos
[anand@localhost ~]$ cd Assignments/
[anand@localhost Assignments]$ ls
file1.txt
[anand@localhost Assignments]$ mkdir Dumy
[anand@localhost Assignments]$ ls
Dumy file1.txt
[anand@localhost Assignments]$ touch hi.txt
[anand@localhost Assignments]$ ls
Dumy file1.txt hi.txt
[anand@localhost Assignments]$ rmdir Dumy/
[anand@localhost Assignments]$ ls
file1.txt hi.txt
[anand@localhost Assignments]$ rm hi.txt
[anand@localhost Assignments]$ ls
file1.txt
[anand@localhost Assignments]$
```