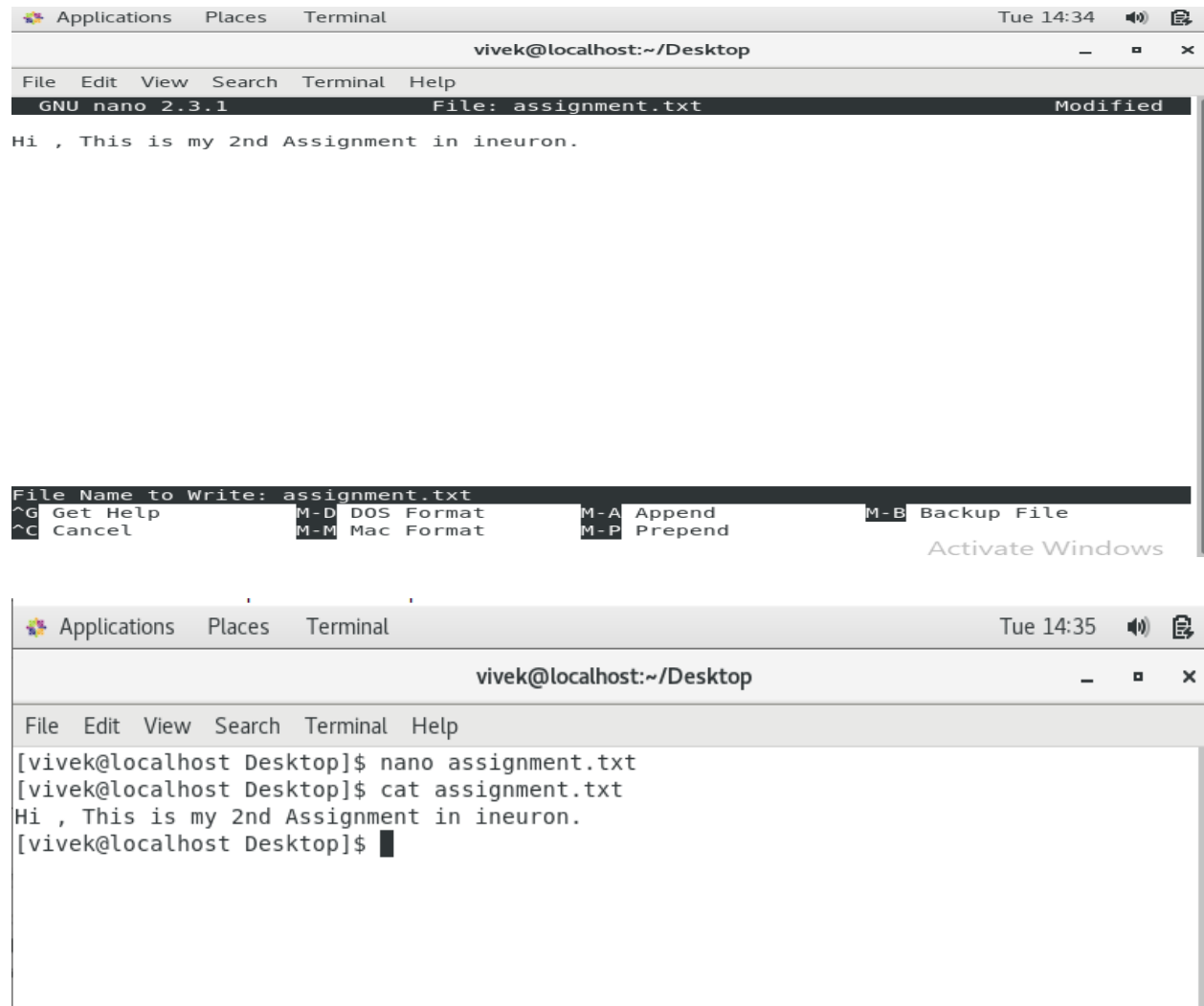


Linux Basic Commands Assignment

Assignment Part-3 Playing with files

1. Create a file like nano file1.txt



The first screenshot shows the nano text editor in a terminal window. The title bar indicates the user is vivek@localhost in the ~/Desktop directory. The menu bar includes File, Edit, View, Search, Terminal, and Help. The status bar shows 'GNU nano 2.3.1', 'File: assignment.txt', and 'Modified'. The text 'Hi , This is my 2nd Assignment in ineuron.' is entered. A help menu is displayed at the bottom, listing various commands like ^G Get Help, ^C Cancel, M-D DOS Format, M-M Mac Format, M-A Append, M-P Prepend, and M-B Backup File. An 'Activate Windows' watermark is visible in the bottom right corner.

The second screenshot shows the terminal window after exiting nano. The prompt is [vivek@localhost Desktop]\$. The user enters 'nano assignment.txt' and 'cat assignment.txt', which outputs 'Hi , This is my 2nd Assignment in ineuron.' The prompt returns to [vivek@localhost Desktop]\$.

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

cp file1.txt file2.txt

o Then see the output of file2.txt, cat file2.txt

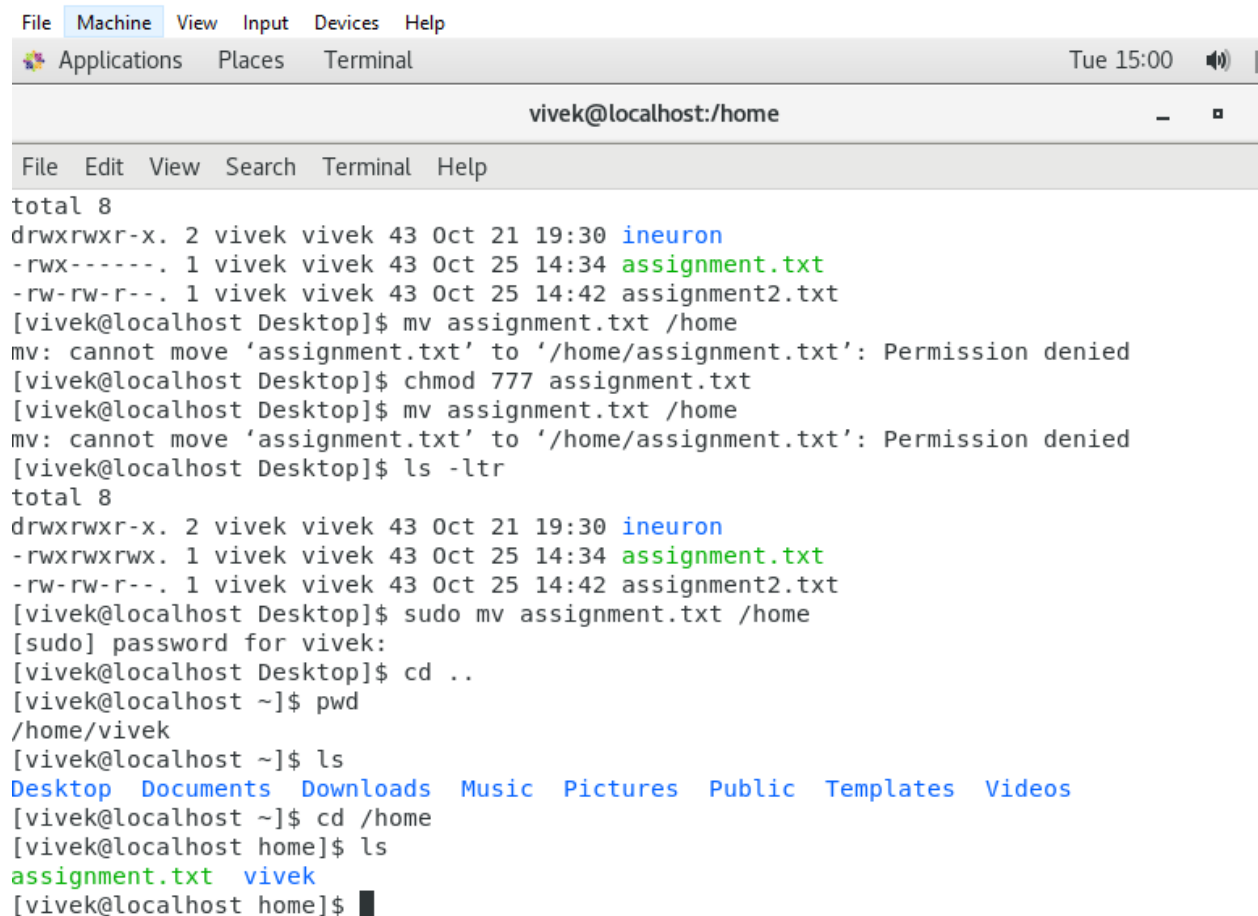
cp file will copy the content of one file to another file.

```

Hi , This is my 2nd Assignment in ineuron.
[vivek@localhost Desktop]$ cat assignment2.txt
cat: assignment2.txt: No such file or directory
[vivek@localhost Desktop]$ touch assignment2.txt
[vivek@localhost Desktop]$ cp assignment.txt assignment2.txt
[vivek@localhost Desktop]$ cat assignment2.txt
Hi , This is my 2nd Assignment in ineuron.
[vivek@localhost Desktop]$ cp assignment.txt assignment2.txt
[vivek@localhost Desktop]$ cat assignment2.txt
Hi , This is my 2nd Assignment in ineuron.
[vivek@localhost Desktop]$ █

```

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



The screenshot shows a terminal window with the following content:

```

File Machine View Input Devices Help
Applications Places Terminal Tue 15:00
vivek@localhost:/home
File Edit View Search Terminal Help
total 8
drwxrwxr-x. 2 vivek vivek 43 Oct 21 19:30 ineuron
-rwx-----. 1 vivek vivek 43 Oct 25 14:34 assignment.txt
-rw-rw-r--. 1 vivek vivek 43 Oct 25 14:42 assignment2.txt
[vivek@localhost Desktop]$ mv assignment.txt /home
mv: cannot move 'assignment.txt' to '/home/assignment.txt': Permission denied
[vivek@localhost Desktop]$ chmod 777 assignment.txt
[vivek@localhost Desktop]$ mv assignment.txt /home
mv: cannot move 'assignment.txt' to '/home/assignment.txt': Permission denied
[vivek@localhost Desktop]$ ls -ltr
total 8
drwxrwxr-x. 2 vivek vivek 43 Oct 21 19:30 ineuron
-rwxrwxrwx. 1 vivek vivek 43 Oct 25 14:34 assignment.txt
-rw-rw-r--. 1 vivek vivek 43 Oct 25 14:42 assignment2.txt
[vivek@localhost Desktop]$ sudo mv assignment.txt /home
[sudo] password for vivek:
[vivek@localhost Desktop]$ cd ..
[vivek@localhost ~]$ pwd
/home/vivek
[vivek@localhost ~]$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
[vivek@localhost ~]$ cd /home
[vivek@localhost home]$ ls
assignment.txt vivek
[vivek@localhost home]$ █

```

Activate Windows

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

First. We have to change the permission, as they don't have proper permission to execute commands. First echo > command will add the line to file and 2 nd echo >> command will Also add the line in first file.

```
File Edit View Search Terminal Help
vivek@localhost:/home

[vivek@localhost home]$ ls
assignment3.txt assignment4.txt assignment.txt vivek
[vivek@localhost home]$ echo "Hello,i am new line" > assignment3.txt
bash: assignment3.txt: Permission denied
[vivek@localhost home]$ sudo echo "Hello,i am new line" > assignment3.txt
bash: assignment3.txt: Permission denied
[vivek@localhost home]$ chmod 777 assignment3.txt
chmod: changing permissions of 'assignment3.txt': Operation not permitted
[vivek@localhost home]$ ls -al
total 8
drwxr-xr-x. 3 root root 87 Oct 25 15:06 .
dr-xr-xr-x. 17 root root 224 Oct 20 17:08 ..
-rw-r--r--. 1 root root 0 Oct 25 15:06 assignment3.txt
-rw-r--r--. 1 root root 0 Oct 25 15:06 assignment4.txt
-rwxrwxrwx. 1 vivek vivek 43 Oct 25 14:34 assignment.txt
drwx----- 17 vivek vivek 4096 Oct 25 14:10 vivek
[vivek@localhost home]$ sudo chmod 777 assignment3.txt
[vivek@localhost home]$ sudo chmod 777 assignment4.txt
[vivek@localhost home]$ echo "Hello,i am new line" > assignment3.txt
bash: echoHello,i am new line: command not found...
[vivek@localhost home]$ echo "Hello,i am new line">assignment3.txt
bash: echoHello,i am new line: command not found...
[vivek@localhost home]$ echo "Hello,i am new line">assignment3.txt
[vivek@localhost home]$ cat assignment3.txt
Hello,i am new line
Hello,i am new line
[vivek@localhost home]$ cat assignment4.txt
[vivek@localhost home]$
```

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

To delete a file.

To delete a directory.

```
Applications  Places  Terminal  Tue 10:30
vivek@localhost:~/Desktop
File Edit View Search Terminal Help
vivek@localhost ~]$ pwd
/home/vivek
vivek@localhost ~]$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
vivek@localhost ~]$ cd Desktop
vivek@localhost Desktop]$ ls
.neuron
vivek@localhost Desktop]$ cd ineuron/
vivek@localhost ineuron]$ ls
devops.txt
vivek@localhost ineuron]$ rm devops.txt
rm: remove write-protected regular file 'devops.txt'?
vivek@localhost ineuron]$ ls
devops.txt
vivek@localhost ineuron]$ rm devops.txt
rm: remove write-protected regular file 'devops.txt'? y
vivek@localhost ineuron]$ ls
vivek@localhost ineuron]$ cd ..
vivek@localhost Desktop]$ rmdir ineuron
vivek@localhost Desktop]$ ls
vivek@localhost Desktop]$
```