

Experiment 2:

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1, Create a file named testVI1.txt in the CAD folder created last time. Type minimum of 2 paragraphs of 10 lines at least.

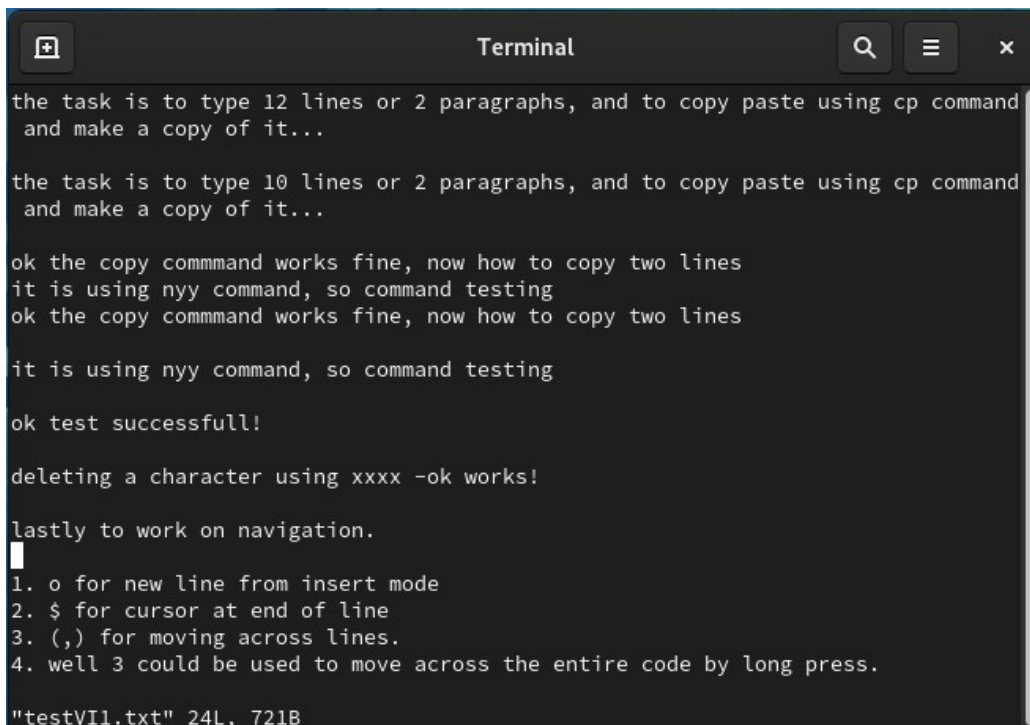
cad folder before the creation of file:

```
[aadhithan@fedora]--[~/Documents/vlsi/cad]
$pwd
/home/aadhithan/Documents/vlsi/cad
[aadhithan@fedora]--[~/Documents/vlsi/cad]
$ls
coding perl python unix
```

cad folder after the creation of file:

```
[aadhithan@fedora]--[~/Documents/vlsi/cad]
$vi testVI1.txt
[aadhithan@fedora]--[~/Documents/vlsi/cad]
$ls
coding perl python testVI1.txt unix
```

The text file created:



The screenshot shows a terminal window titled "Terminal" with a search icon, a menu icon, and a close icon in the top right corner. The terminal displays the following text:

```
the task is to type 12 lines or 2 paragraphs, and to copy paste using cp command
and make a copy of it...

the task is to type 10 lines or 2 paragraphs, and to copy paste using cp command
and make a copy of it...

ok the copy command works fine, now how to copy two lines
it is using nyy command, so command testing
ok the copy command works fine, now how to copy two lines

it is using nyy command, so command testing

ok test successfull!

deleting a character using xxxx -ok works!

lastly to work on navigation.
1. o for new line from insert mode
2. $ for cursor at end of line
3. (,) for moving across lines.
4. well 3 could be used to move across the entire code by long press.

"testVI1.txt" 24L, 721B
```

2, Use the cp command to create the copy of the file.

```
[aadhithan@fedora]~/Documents/vlsi/cad
→ $ls
perl python testVI1.txt unix
[aadhithan@fedora]~/Documents/vlsi/cad
→ $cp testVI1.txt copy_of_file
[aadhithan@fedora]~/Documents/vlsi/cad
→ $ls
copy_of_file perl python testVI1.txt unix
```

3, Try out opening the second file in read only mode and delete it later

Before changing user preferences:

```
[aadhithan@fedora]~/Documents/vlsi/cad
→ $ls -l
total 12
-rw-r--r--. 1 aadhithan aadhithan 721 Sep 15 13:09 copy_of_file
-rw-r--r--. 1 aadhithan aadhithan  0 Sep  8 13:33 perl
-rw-r--r--. 1 aadhithan aadhithan  51 Sep  9 12:43 python
-rw-r--r--. 1 aadhithan aadhithan 721 Sep 15 13:07 testVI1.txt
-rw-r--r--. 1 aadhithan aadhithan  0 Sep  8 13:33 unix
```

Changing preferences:

```
[aadhithan@fedora]~/Documents/vlsi/cad
→ $chmod u-w copy_of_file
[aadhithan@fedora]~/Documents/vlsi/cad
→ $ls -l
total 12
-r--r--r--. 1 aadhithan aadhithan 721 Sep 15 13:09 copy_of_file
-rw-r--r--. 1 aadhithan aadhithan  0 Sep  8 13:33 perl
-rw-r--r--. 1 aadhithan aadhithan  51 Sep  9 12:43 python
-rw-r--r--. 1 aadhithan aadhithan 721 Sep 15 13:07 testVI1.txt
-rw-r--r--. 1 aadhithan aadhithan  0 Sep  8 13:33 unix
```

Deleting the file:

```
[aadhithan@fedora]~/Documents/vlsi/cad
→ $ls
copy_of_file perl python testVI1.txt unix
[aadhithan@fedora]~/Documents/vlsi/cad
→ $rm copy_of_file
rm: remove write-protected regular file 'copy_of_file'? y
[aadhithan@fedora]~/Documents/vlsi/cad
→ $ls
perl python testVI1.txt unix
```

4, Inside the file

Ways to come out of the file:

1. `q` - Quits without saving.
2. `wq` - Quits after saving the new values in the file.
3. `q!` - Quits and overwrites the value newly type to restore previous version.

Used various key for navigation:

1. `o` for new line from insert mode
2. `$` for cursor at end of line
3. `(,)` for moving across lines.
4. well `3` could be used to move across the entire code by long press.

Copy paste using `yy` and `p` command:

```
the task is to type 12 lines or 2 paragraphs, and to copy paste using cp command
and make a copy of it...

the task is to type 10 lines or 2 paragraphs, and to copy paste using cp command
and make a copy of it...
```

Deleting in the file:

1. `x` deletes the letter the cursor is pointing
2. `dd` deletes the line
3. `n dd` deletes `n` number of lines from the cursor position