

PROJECT 3-1

If at any time you need to stop and later resume the following projects (through Hands-on Project 3-14) because you cannot complete them in one sitting, press Esc, type :x, and press Enter. When you resume, type vi and the file name, such as vi textfiles.

vi textfiles

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|                        |       |     |
|------------------------|-------|-----|
| "textfiles" [New File] | 0,0-1 | All |
|------------------------|-------|-----|

## PROJECT 3-2

-- INSERT --

0,0-1 ALL

```
-- INSERT --
```

11,0-1 All

2

Text lines.  
Lines contain characters.  
Characters form words.  
Words form text.  
Files contain text.  
Text contains lines.

Lines contain characters.  
Characters form words.  
Words form text.

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Text consistss of lines.  
Lines contain characters.  
Characters form words.  
Words form text.  
Files contain text.  
Text contains lines.  
Lines contain characters.  
Characters form words.  
Words form text.

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Text consists of lines.  
Lines contain characters.  
Characters form words.  
Words form text.  
Files contain text.  
Text contains lines.  
Lines contain characters.  
Characters form words.  
Words form text.

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Files

Files consist of words.

lines.

Words form lines.

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## PROJECT 3-6

Text **cons**ists of lines.  
Lines contain characters.  
Characters form words.  
Words form text.  
Files **cons**ist of words.  
Words form lines.  
Lines contain characters.  
Characters form words.  
Words form text.

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/cons

Text consists of lines.  
Lines contain characters.  
Characters form words.  
Words form text.  
Files consist of words.  
Words form lines.  
Lines contain characters.  
Characters form words.  
Words form text.

|                                                   |     |     |
|---------------------------------------------------|-----|-----|
| "textfiles" [Modified][New file] 10 lines --50%-- | 5,7 | All |
|---------------------------------------------------|-----|-----|

Text consists of lines.  
Lines contain characters.  
Characters form words.  
Words form text.  
Files consist of words.  
Words form lines.  
Lines contain characters.  
Characters form words.  
Words form text.

~~~~~

$$\sim \sim \sim$$

9,12 All

There are 2 occurrences are there of the word “text”.

Text consists of lines.
Lines contain characters.
Characters form words.
Words form documents.
Files consist of words.
Words form lines.
Lines contain characters.
Characters form words.
Words form documents.

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```
:1,$s/text/documents/g
```

9,1 All

## PROJECT 3-8

$$\sim$$

Text consists of lines.  
Lines contain characters.  
Characters form words.  
Words form documents.  
Files consist of words.  
Words form lines.  
Lines contain characters.  
Characters form words.

2222

9,1 All

[student@COS-047 ~]\$ vi textfiles

No manual entry for Text

Press ENTER or type command to continue

[student@COS-047 ~]\$

## [student@COS-047 ~]\$ vi practice

Text consists of lines.

Lines contain characters.

Characters form words.

# Words form documents.

Files consist of words.

Words form lines.

Lines contain characters.

## Characters form words.

# Words form documents.

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Text consists of lines.
Lines contain characters.
Characters form words.
Words form documents.
Files consist of words.
Words form lines.
Lines contain characters.
Characters form words.
Words form documents.

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1,1

A11

## PROJECT 3-10

Text consists of lines.

Lines contain characters.

Characters form words.

# Words form documents.

Files consist of words.

Words form lines.

Lines contain characters.

Characters form words.

Words form documents.

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:!cal

[student@COS-047 ~]\$ vi textfiles

[No write since last change]

No manual entry for Text

shell returned 16

Press ENTER or type command to continue

[student@COS-047 ~]\$ vi practice

[No write since last change]

February 2018

Su Mo Tu We Th Fr Sa

1 2 3

4 5 6 7 8 9 10

11 12 13 14 15 16 17

18 19 20 21 22 23 24

25 26 27 28

Press ENTER or type command to continue

Press ENTER or type command to continue

[1]+ Stopped vim practice

[student@COS-047 ~]\$

```
[student@COS-047 ~]$ ls -l
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```
total 28
```

```
drwxrwxr-x. 2 student student 52 Feb 24 19:49 corp_db
```

```
drwxrwxr-x. 2 student student 20 Feb 24 19:39 dept_4540
```

```
drwxrwxr-x. 2 student student 20 Feb 24 19:42 dept_4550
```

```
drwxr-xr-x. 2 student student 6 Aug 18 2016 Desktop
```

```
drwxr-xr-x. 2 student student 6 Aug 18 2016 Downloads
```

```
-rw-rw-r--. 1 student student 12 Feb 24 19:08 first_name
```

```
-rw-rw-r--. 1 student student 23 Feb 24 19:10 full_name1.txt
```

```
-rw-rw-r--. 1 student student 23 Feb 24 19:11 full_name22.txt
```

```
-rw-rw-r--. 1 student student 6 Feb 24 19:10 last_name
```

```
-rw-rw-r--. 1 student student 5 Feb 24 19:09 middle_name
```

```
drwxr-xr-x. 2 student student 6 Aug 18 2016 Music
```

```
-rw-rw-r--. 1 student student 41 Feb 24 18:32 notes
```

```
drwxr-xr-x. 2 student student 6 Aug 18 2016 Pictures
```

```
drwxr-xr-x. 2 student student 6 Aug 18 2016 Public
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```
drwx-----. 2 student student 6 Feb 24 22:31 secure
```

```
drwxr-xr-x. 2 student student 6 Aug 18 2016 Templates
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```
-rw-rw-r--. 1 student student 208 Feb 25 16:06 textfiles
```

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drwxr-xr-x. 2 student student 6 Aug 18 2016 Videos
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```
[student@COS-047 ~]$ pwd
```

```
/home/student
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```
[student@COS-047 ~]$ cat textfiles
```

Text consists of lines.

Lines contain characters.

Characters form words.

Words form documents.

Files consist of words.

Words form lines.

Lines contain characters.

Characters form words.

Words form documents.

[student@COS-047 ~]\$ fg

I was returned into command mode.

Text consists of lines.

Lines contain characters.

Characters form words.

Words form documents.

Files consist of words.

Words form lines.

Lines contain characters.

Characters form words.

Words form documents.

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| 1,1 | All |
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## PROJECT 3-11

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:set number
```

1 Text consists of lines.

2 Lines contain characters.

3 Characters form words.

4 Words form documents.

5 Files consist of words.

6 Words form lines.

7 Lines contain characters.

8 Characters form words.

9 Words form documents.

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:7,9d

1 Text consists of lines.

2 Lines contain characters.

3 Characters form words.

4 Words form documents.

5 Files consist of words.

6 Words form lines.

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3 fewer lines                      6,1              All

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**PROJECT 3-12**

- 1 Words form documents.
- 2 Files consist of words.
- 3 Words form lines.

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3 more lines

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A11

1 Words form documents.

2 Files consist of words.

3 Words form lines.

4 Text consists of lines.

5 Lines contain characters.

6 Characters form words.

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:w

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"practice" 6L, 137C written                      3,11              All

lpr: Error - no default destination available.

shell returned 1

Press ENTER or type command to continue

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## PROJECT 3-14

1 Files consist of words.

2 Words form lines.

3 Text consists of lines.

4 Lines contain characters.

5 Characters form words.

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3. Type :q! and press Enter.

Press ENTER or type command to continue

[student@COS-047 ~]\$ vi practice

Words form documents.

Files consist of words.

Words form lines.

Text consists of lines.

Lines contain characters.

Characters form words.

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"practice" 6L, 137C 1,1 All

help.txt For Vim version 7.4. Last change: 2012 Dec 06

## VIM - main help file

k

Move around: Use the cursor keys, or "h" to go left, h l

"j" to go down, "k" to go up, "l" to go right. j

Close this window: Use ":q<Enter>".

Get out of Vim: Use ":qa!<Enter>" (careful, all changes are lost!).

Jump to a subject: Position the cursor on a tag (e.g. bars) and hit CTRL-].

With the mouse: ":set mouse=a" to enable the mouse (in xterm or GUI).

Double-click the left mouse button on a tag, e.g. bars.

Jump back: Type CTRL-T or CTRL-O (repeat to go further back).

Get specific help: It is possible to go directly to whatever you want help

on, by giving an argument to the :help command.

help.txt [Help][RO] 5,72-76 Top

Words form documents.

Files consist of words.

Words form lines.

Text consists of lines.

Lines contain characters.

Characters form words.

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|          |     |     |
|----------|-----|-----|
| practice | 1,1 | All |
|----------|-----|-----|

```
:q!  
Words form documents.  
Files consist of words.  
Words form lines.  
Text consists of lines.  
Lines contain characters.  
Characters form words.
```

1,1 All

```
[student@COS-047 ~]$ vi practice
[student@COS-047 ~]$
```