

DISCOVERY EXERCISES (1-3 + 21-31)

EXERCISE 1. Using the vi editor: Create a document with four lines, each containing the word “today.” Copy the first four lines using only one command. Save the file, and exit vi. Reopen the document, and change “today” to “yesterday” only on the first four lines.

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

today
today
today
today

~~~~~

```
:X
[student@COS-047 ~]$ vi disco
:1,4s/to/yester/g
yesterday
yesterday
yesterday
yesterday
```

All

4  
5  
6

```
~
~
:x
[student@COS-047 ~]$ vi third
7
8
9

~
~
:x
```

---

```
[student@COS-047 ~]$ cat first second >> third
[student@COS-047 ~]$ cat third
7
8
9

1
2
3

4
5
6
```

**EXERCISE 3.** Delete all text from third.file that you created using vi, and then restore it. Use Table 3-4 to find the correct commands for performing the following basic exercises to practice using the Emacs editor.

```
[student@COS-047 ~]$ vi third
7
8
9

~
~
~
:x
```

---

**EXERCISE 21.** Create a file with 12 lines of text. Delete the second word in the text.

```
[student@COS-047 ~]$ vi 12lines
1 Create a file
2 with 12 lines
3 of text.
4 Delete
5 the second word
6 in the text.
```



```
4 Delete
5 Christopher Welch
6 in the text.
7 Go to
8 the fifth line,
9 and insert
10 your
11 first and
12 last name.
```

```
~
~
~
```

```
-- INSERT --                5,18      All
```

**EXERCISE 23.** Remove the eighth line, and place it at the end of the file.

```
1 Create a file
2 with 12 lines
3 of text.
4 Delete
5 Christopher Welch
6 in the text.
7 Go to
8 and insert
9 your
10 first and
11 last name.
12 the fifth line,
```

```
~
~
~
```

**EXERCISE 24.** Use one command to go to the first line of the file.

```
H
```

**EXERCISE 25.** Search for your last name.

```
~
/Welch
```

**EXERCISE 26.** Save the file, but do not exit vi.

```
:w
~
"12lines" [New] 12L, 142C written          9,1      All
```

**EXERCISE 27.** Without exiting vi, temporarily execute the ls command to confirm that the file is saved.

```
~
~
:!!ls
```

```
[student@COS-047 ~]$ vi 12lines
```

```
[No write since last change]
12lines  disco  full_name22.txt Pictures sonnet
corp_db  Downloads  last_name  practice Templates
dept_4540 first  middle_name  Public  textfiles
dept_4550 first_name Music      second  third
Desktop  full_name1.txt notes      secure  Videos
```

Press ENTER or type command to continue

**EXERCISE 28.** Enter the command that causes line numbers to appear.

```
:set number
```

**EXERCISE 29.** Delete lines 9 and 10.

```
1 Create a file
2 with 12 lines
3 of text.
4 Delete
5 Christopher Welch
6 in the text.
7 Go to
8 and insert
9 last name.
10 the fifth line,
~
~
```

**EXERCISE 30.** Move to the line of text that contains your first and last name, cut it, and place the text in the buffer.

```
1 Create a file
2 with 12 lines
3 of text.
4 Delete
5 in the text.
6 Go to
7 and insert
8 last name.
9 the fifth line,
~
~
~
~
~
~
~
~
```

**EXERCISE 31.** Paste the line with your first and last name in the middle of the text.

```
1 Create a file
```

2 with 12 lines

3 of text.

#### 4 Delete

5 in the text.

6 Christopher Welch

7 Go to

8 and insert

9 last name.

10 the fifth line,

 $\sim$ 

2

 $\sim$  $\sim$  $\sim$ 

2

1

 $\sim$ 

~

 $\sim$ 

2

 $\sim$  $\sim$  $\sim$  $\sim$  $\sim$  $\sim$ 

2

 $\sim$  $\sim$  $\sim$ 

2

 $\sim$  $\sim$  $\approx$ 

1

1 line less; before #51 9 seconds ago

10,16

All