

PART 1

The image displays two screenshots of the OpenVim interactive tutorial interface, showing the progression from the 'Two modes, insert and normal' section to the 'Basic movement: h, j, k, and l' section.

Top Screenshot: Two modes, insert and normal

Sections:

1. Introduction
2. Two modes, insert and normal
3. Basic movement: h, j, k, and l
4. Word movement: w, e, b
5. Number powered movement, e.g. 5w
6. Insert text repeatedly, e.g. 3iYes
7. Find a character, f and F
8. Go to matching parentheses, %
9. Go to start/end of line, 0 and \$
10. Find word under cursor, * and #
11. Goto line, g and G
12. Search, /text with n and N
13. Insert new line, o and O
14. Removing a character, x and X
15. Replacing letter under cursor, r
16. Deleting, d
17. Repetition with .
18. Visual mode, v
19. Real Vim awaits
20. The end

Two modes, insert and normal

mode: NORMAL 7,41

- 1 Vim has two basic modes. One is **insert** mode, in which you write text as if in normal text editor.
- 2 Another is **normal** mode which provides you efficient ways to navigate and manipulate text.
- 3 At any time, you can see which mode you are in on the status bar which is located at the top of the editor.
- 4 To change between modes, use **Esc** for normal mode and **i** for insert mode
- 5 Let's try it out! First, change to insert mode.
- 6 Good, now you're in insert mode. Write something and change back to normal mode. zyad
- 7 Good. Let's move on to another section.

Bottom Screenshot: Basic movement: h, j, k, and l

Sections:

1. Introduction
2. Two modes, insert and normal
3. Basic movement: h, j, k, and l
4. Word movement: w, e, b
5. Number powered movement, e.g. 5w
6. Insert text repeatedly, e.g. 3iYes
7. Find a character, f and F
8. Go to matching parentheses, %
9. Go to start/end of line, 0 and \$
10. Find word under cursor, * and #
11. Goto line, g and G
12. Search, /text with n and N
13. Insert new line, o and O
14. Removing a character, x and X
15. Replacing letter under cursor, r
16. Deleting, d
17. Repetition with .
18. Visual mode, v
19. Real Vim awaits
20. The end

Basic movement: h, j, k, and l

mode: NORMAL 3,16

- 1 In contrast to regular text editor, you use keys **h**, **j**, **k**, and **l** instead of arrow keys to move the cursor.
- 2 Let's see how it works in practice!
- 3 Let's move on.

The screenshot shows the 'Interactive Vim tutorial' interface. On the left, a 'Sections' sidebar lists 20 topics, with '4. Word movement: w, e, b' selected. The main content area is titled 'Word movement: w, e, b' and displays a terminal window. The terminal shows 'mode: NORMAL' and line numbers 3 and 22. The text in the terminal reads: '1 To navigate the text in terms of words, you can use keys w, b, and e (also W, B, E in real Vim). 2 w moves to the start of next word; e moves to the end of the word; and b moves to beginning of the word. 3 Word! Let's move on.' Below the terminal is a virtual keyboard with various keys including function keys, letters, numbers, and navigation keys. The browser's address bar shows 'openvim.com'.

The screenshot shows the 'Interactive Vim tutorial' interface. On the left, the 'Sections' sidebar is the same as in the previous image, but '5. Number powered movement, e.g. 5w' is now selected. The main content area is titled 'Number powered movement, e.g. 5w' and displays a terminal window. The terminal shows 'mode: NORMAL' and line numbers 1 and 24. The text in the terminal reads: '1 Moving within the text is not limited to individual keys; you can combine movement keys with a number. For example, 3w is the same as pressing w three times.' Below the terminal is the same virtual keyboard. The browser's address bar shows 'openvim.com'.

The screenshot shows the openvim.com website. On the left, there is a 'Sections' sidebar with a list of 20 items. Item 6, 'Insert text repeatedly, e.g. 3iYes', is highlighted. The main content area has a title 'Insert text repeatedly, e.g. 3iYes' and a terminal window. The terminal window shows the following text:

```
mode: NORMAL 6,35
1 You can insert text multiple times.
2 For example, an underline of a header might consist of
  30 ~s.
3 -----
4 With 30i~ Esc, there's no need to press ~ 30 times.
5 Let's try it out: insert go three times.gogogo
6 See? 10iAll work is only playEsc. |
```

Below the terminal window is a keyboard diagram showing the layout of keys. The diagram includes keys for Esc, 3d, Screen brightness, Keyboard size, and a full QWERTY keyboard layout with function keys (F1-F12) and navigation keys (arrow keys, Home, End, etc.).

The screenshot shows the openvim.com website. On the left, there is a 'Sections' sidebar with a list of 20 items. Item 8, 'Go to matching parentheses, %', is highlighted. The main content area has a title 'Go to matching parentheses, %' and a terminal window. The terminal window shows the following text:

```
mode: NORMAL 2,9
1 In text that is structured with parentheses or brackets,
  ( or { or [, use % to jump to the matching parenthesis
  or bracket.
2 Here is (a sample) text to try that.
```

Below the terminal window is a keyboard diagram showing the layout of keys. The diagram includes keys for Esc, 3d, Screen brightness, Keyboard size, and a full QWERTY keyboard layout with function keys (F1-F12) and navigation keys (arrow keys, Home, End, etc.).

The screenshot shows the Interactive Vim tutorial interface. On the left, a 'Sections' sidebar lists 20 topics, with '9. Go to start/end of line, 0 and \$' highlighted. The main area has a dark purple header with 'Tutorial', 'Practice', 'Development', and 'Bugs' tabs. Below the header, a grey box contains the title 'Go to start/end of line, 0 and \$'. The central terminal window shows 'mode: NORMAL' and '2,1' in the top right. It contains two lines of text: '1 To reach the beginning of a line, press 0.' and '2 For the end of a line, there's \$'. Below the terminal is a virtual keyboard with various keys, including 'Esc', '3d', 'Screen brightness', 'Keyboard size', and a standard QWERTY layout. A small thumbnail of the tutorial interface is visible on the right side.

The screenshot shows the Interactive Vim tutorial interface. On the left, the 'Sections' sidebar lists 20 topics, with '10. Find word under cursor, * and #' highlighted. The main area has a dark purple header with 'Tutorial', 'Practice', 'Development', and 'Bugs' tabs. Below the header, a grey box contains the title 'Find word under cursor, * and #'. The central terminal window shows 'mode: NORMAL' and '1,6' in the top right. It contains one line of text: '1 Find the next occurrence of the word under cursor with *, and the previous with #'. Below the terminal is a virtual keyboard with various keys, including 'Esc', '3d', 'Screen brightness', 'Keyboard size', and a standard QWERTY layout. A small thumbnail of the tutorial interface is visible on the right side.

The screenshot shows the openvim.com website with the 'Goto line, g and G' tutorial section. The left sidebar contains a list of sections, with '11. Goto line, g and G' selected. The main content area displays a list of five steps for navigating to a specific line in a file. A virtual keyboard is overlaid on the bottom half of the screen.

Sections

1. Introduction
2. Two modes, insert and normal
3. Basic movement: h, j, k, and l
4. Word movement: w, e, b
5. Number powered movement, e.g. 5w
6. Insert text repeatedly, e.g. 3iYes
7. Find a character, f and F
8. Go to matching parentheses, %
9. Go to start/end of line, 0 and \$
10. Find word under cursor, * and #
- 11. Goto line, g and G**
12. Search, /text with n and N
13. Insert new line, o and O
14. Removing a character, x and X
15. Replacing letter under cursor, r
16. Deleting, d
17. Repetition with .
18. Visual mode, v
19. Real Vim awaits
20. The end

Goto line, g and G

mode: NORMAL 3,22

- 1 gg takes you to the beginning of the file; G to the end.
- 2 To jump directly to a specific line, give its line number along with G.
- 3 gg! G majorly rocks.
- 4 Now go to the beginning of this screen with gg and then back to end with G.
- 5 Go to line 2 with 2G.

Virtual keyboard layout: Esc, 3d, Screen brightness, Keyboard size, 1!, 2*, 3#, 4\$, 5%, 6&, 7/, 8(, 9), 0=, tab, q, w, e, r, t, y, u, i, o, p, <=, caps, a, s, d, f, g, h, j, k, l, *, Enter, shift, z, x, c, v, b, n, m, ., ><, ctrl, alt, Space.

The screenshot shows the openvim.com website with the 'Search, /text with n and N' tutorial section. The left sidebar contains a list of sections, with '12. Search, /text with n and N' selected. The main content area displays a list of six steps for searching text in a file. A virtual keyboard is overlaid on the bottom half of the screen.

Sections

1. Introduction
2. Two modes, insert and normal
3. Basic movement: h, j, k, and l
4. Word movement: w, e, b
5. Number powered movement, e.g. 5w
6. Insert text repeatedly, e.g. 3iYes
7. Find a character, f and F
8. Go to matching parentheses, %
9. Go to start/end of line, 0 and \$
10. Find word under cursor, * and #
11. Goto line, g and G
- 12. Search, /text with n and N**
13. Insert new line, o and O
14. Removing a character, x and X
15. Replacing letter under cursor, r
16. Deleting, d
17. Repetition with .
18. Visual mode, v
19. Real Vim awaits
20. The end

Search, /text with n and N

mode: NORMAL 2,47

- 1 Searching text is a vital part of any text editor. In Vim, you press /, and give the text you are looking for.
- 2 Slash through the needles with /n/e/e/d/l/e/s
- 3 You can repeat the search for next and previous occurrences with n and N, respectively.
- 4 For advanced use cases, it's possible to use regexps that help to find text of particular form (In real Vim).
- 5 Let's try a simple text search.
- 6 Search for text and find the subsequent matches with n.

Virtual keyboard layout: Esc, 3d, Screen brightness, Keyboard size, 1!, 2*, 3#, 4\$, 5%, 6&, 7/, 8(, 9), 0=, tab, q, w, e, r, t, y, u, i, o, p, <=, caps, a, s, d, f, g, h, j, k, l, *, Enter, shift, z, x, c, v, b, n, m, ., ><, ctrl, alt, Space.

The screenshot shows the openvim.com website with the 'Tutorial' tab selected. The left sidebar lists 20 sections, with '13. Insert new line, o and O' highlighted. The main content area is titled 'Insert new line, o and O' and shows a terminal window with the following text:

```
mode: NORMAL 5,27
1 To insert text into a new line, press o or O
2 After new line is created, the editor is set to insert
  mode.
3
4
5 I bet you feel like O___o
6 Yep! Now big O to insert new line above the current
  line.
7 Write a bit and get back to normal mode.
```

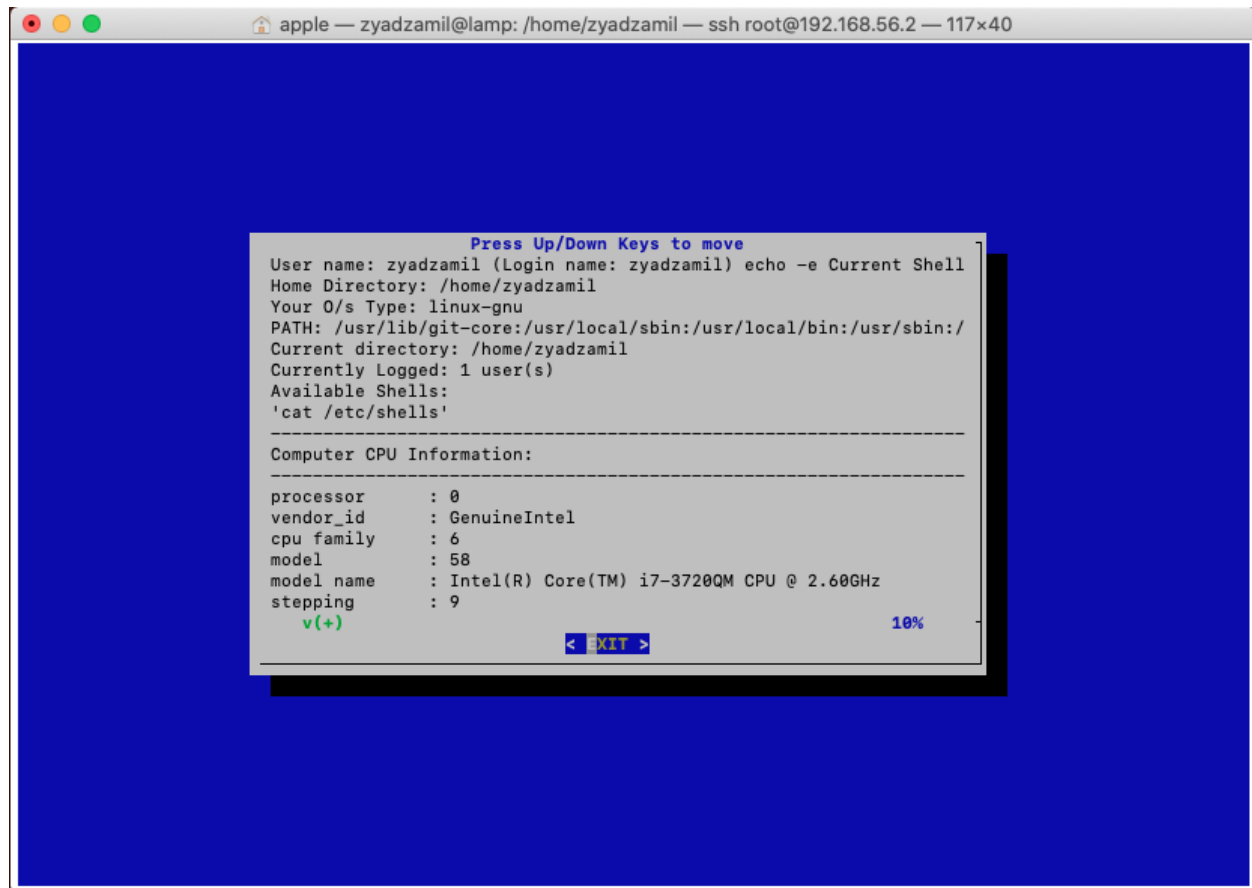
Below the terminal window is a virtual keyboard with keys for Esc, 3d, Screen brightness, Keyboard size, and various alphanumeric keys. A small thumbnail of the tutorial is visible in the bottom right corner.

The screenshot shows the openvim.com website with the 'Tutorial' tab selected. The left sidebar lists 20 sections, with '14. Removing a character, x and X' highlighted. The main content area is titled 'Removing a character, x and X' and shows a terminal window with the following text:

```
mode: NORMAL 3,46
1 x and X delete the character under the cursor and to the
  left of the cursor, respectively
2 Try pressing x to remove the last
3 Sometimes the treasure is the indicator (x).
```

Below the terminal window is a virtual keyboard with keys for Esc, 3d, Screen brightness, Keyboard size, and various alphanumeric keys. A small thumbnail of the tutorial is visible in the bottom right corner.

PART 2



The screenshot shows a terminal window with a blue background. A white box in the center contains system information. The window title bar reads: 'apple — zyadzamil@lamp: /home/zyadzamil — ssh root@192.168.56.2 — 117x40'.

```
Press Up/Down Keys to move
User name: zyadzamil (Login name: zyadzamil) echo -e Current Shell
Home Directory: /home/zyadzamil
Your O/s Type: linux-gnu
PATH: /usr/lib/git-core:/usr/local/sbin:/usr/local/bin:/usr/sbin:/
Current directory: /home/zyadzamil
Currently Logged: 1 user(s)
Available Shells:
'cat /etc/shells'

-----
Computer CPU Information:
-----
processor      : 0
vendor_id     : GenuineIntel
cpu family    : 6
model         : 58
model name    : Intel(R) Core(TM) i7-3720QM CPU @ 2.60GHz
stepping      : 9
v(+)
```

At the bottom of the white box, there is a blue button labeled '< EXIT >' and a '10%' indicator on the right.