```
C-[ is the same as <ESC> key, pressing it once before command acts as if Alt was pressed during command.
C-[ C-v is the same as <ESC> C-v and C-M-v (Scroll the bottom window after C-x 2 splits window in two).
                               Dired (built-in file manager)
C-x d
                               Toggle view mode (h, then click View, then view-mode to list hotkeys)
M-x view-mode
C-h k
                               Describe hotkeys and other items
C-h C-h
                               List help hotkeys
                               Apropos help about a command
C-h a
                               Display help about current buffer's major mode (C-x 1 to close)
C-h m
                               Describe variable, example: C-h v default-directory
C-h v
                               Change default-directory (local to current buffer)
M-x cd
                               Refresh special buffer (*Ibuffer*, *Help*, *Apropos*, etc.)
g
                               Scroll window to make cursor appear at middle, top, bottom position
C-l
                               Put cursor (point) in middle, top, bottom position on the window
M-r
                               Go to line
M-q M-q
                               Go to column
M-q <TAB>
                               Open (find) a file
C-x C-f
C-x C-f /sudo:...
                               Open file as root:
                                                        C-x C-f /sudo:root@localhost:/etc/fstab
C-x C-f /sudo:...
                               Open file as root:
                                                        C-x C-f /sudo:localhost:/etc/fstab
C-x C-f /sudo:...
                               Open file as other user: C-x C-f /sudo:usrname@localhost:~usrname/file.txt
                               Open file as other user: C-x C-f /su:usrname@localhost:~usrname/file.txt
C-x C-f /su:...
                               Save the buffer
C-x C-s
C-x s
                               Save all buffers to their files (will ask about each buffer)
                               Save the buffer as new file
C-x C-w
                               Close (kill) a buffer
C-x k
C-x b
                               Switch buffer
                               Display all open buffers
C-x C-b
C-x C-c
                               Exit Emacs
ESC ESC ESC
                               Exit out of prompts, regions, prefix arguments and return to just one window
C-/
                               Undo changes (also C-_ and C-x u)
                               Redo changes (also <ESC> C-_ and C-M-_)
C-[ C-_
M-x menu-bar-mode
                               Enable/disable menu bar (also M-x men-mod, C-[ x men-mod)
F10
                               Activate the menu bar
                               Delete the active window
C-x 0
C-x 1
                               Delete other windows
C-x 2
                               Split window below
                               Split window right
C-x 3
C-x o
                               Switch active window
M-x sh-mode
                               Switch major mode to Bash
M-x fundamental-mode
                               Switch major mode to Fundamental
                               Switch major mode to Tcl
M-x tcl-mode
M-x text-mode
                               Switch major mode to Text
                               Automatically break long lines at margin in Text mode
M-x auto-fill-mode
                               Set the margin in characters (default is 70) (also C-u 70 C-x f)
C-x f
M-q
                               Refill the paragraph, or active selection (region)
                               Refill and justify the paragraph
C-u M-q
```

```
Replace text from cursor (point) to the end of region (also M-x r-st)
M-x replace-string
                               Move cursor (point) to the top of the buffer.
                                                                                (also <ESC> < and M-< alt-shift-,)
C-[ <
                               Move cursor (point) to the bottom of the buffer. (also <ESC> > and M-> alt-shift-.)
C-[ >
                               Jump to bookmark
C-x r b
                               List bookmarks
C-x r l
C-x r m
                               Set bookmark
                               Bookmarks file location (~/.emacs.d/bookmarks)
C-h v bookmark-default-file
C-x r < SPC >
                               Store point in register
C-x r j
                               Jump to register
                               Store number in register
C-x r n
                               Increment number in register
C-x r +
                               Decrement number in register by 9
C-u - 9 C-x r +
C-x r s
                               Store region in register
                               Insert contents of register (place point after text)
C-x r i
                               Insert contents of register (place point before text)
C-u C-x r i
C-<SPC>
                               Set mark and activate selection (region, movement keys change region); deactivate region
C-a
                               Deactivate region
                               Return point to last mark position
C-u C-<SPC>
                               Switch point and mark, reactivate last region
C-x C-x
M-h
                               Select current/next paragraph
                               Select whole buffer
C-x h
C-[ C-<SPC>
                               Select next s-expression (around balanced ", ', [, {, etc.), or word (also C-M-<SPC>)
C-[ C-- C-[ C-<SPC>
                               Select s-expression in reverse (also C-M-- C-M-<SPC>)
                               Incremental search
C-s
C-r
                               Backward incremental search
C-M-s
                               Regexp incremental search
C-M-r
                               Regexp backward incremental search
M-n
        (inside Isearch)
                               Next item in search history
        (inside Isearch)
                               Previous item in search history
M-p
        (inside Isearch)
                               Toggle case-sensitivity
M-s c
M-s r
        (inside Isearch)
                               Toggle regexp mode
        (inside Isearch)
                               Toggle word mode ("hello world" will match "hello-world", "hello_world", etc.)
M-s w
                               Isearch forward for word
M-s w
                               Isearch forward for symbol
M-s
        (inside Isearch)
                               Occur mode
M-s o
M-s o
                               Occur mode
                               Next match in occur, compile, grep
M-q M-n
                               Previous match in occur, compile, grep
M-g M-p
C-[ %
                               Search and replace (also M-%)
                               Search and replace (also M-%)
C-[ %
      (inside Isearch)
C-[ C-%
                               Regexp search and replace (also C-M-%)
C-[ C-% (inside Isearch)
                               Regexp search and replace (also C-M-%)
C-d
                               Delete next character
<base>
                               Delete previous character
                               Cut (kill) next word
M-d
```

```
C-<backspace>
                               Cut (kill) previous word
                               Cut (kill) rest of line
C-k
                               Cut (kill) current line
C-S-<backspace>
                               Cut (kill) sentence (M-x customize-option sentence-end-double-space)
M-k
C-[ C-k
                               Cut (kill) next s-expression (also C-M-k)
                               Cut (kill) previous s-expression (also C-- C-M-k)
C-- C-[ C-k
                               Cut (kill) to character (including that character)
M - z
                               Cut (kill) to character (not including, not bound, also C-M-z)
C-[ C-z
                               Cut (kill) active region
C-w
                               Copy active region
M-w
C-[ C-w
                               Next cut command will append to previous cut (also C-M-w)
                               Cycle through clipboard (kill ring)
M-y
                               Paste (yank) last cut/copy
C-y
C-t
                               Transpose characters
                               Transpose words
M-t
C-x C-t
                               Transpose lines
                               Comment/Uncomment line
C-x C-;
                               Insert newline with comment (if point is on commented line)
M - j
M-;
                               Comment empty line; add comment at end of line; un/comment selection
                               Uppercase selection (region)
C-x C-u
                               Lowercase selection (region)
C-x C-l
M-x upcase-initials-region
                               Capitalize selection (region)
                               Uppercase next word
M - u
M-l
                               Lowercase next word
M-c
                               Capitalize next word
                               Uppercase 2 previous words (also M-- M-2 M-u and C-- C-2 M-u)
C-u -2 C- [ u
M-x delete-duplicate-lines
                               Delete duplicate lines (read C-h x delete-duplicate-lines)
M-x flush-lines
                               Delete (flushes) all lines in selection that match regexp
M-x keep-lines
                               Delete all lines in selection that do not match regexp
M-x kill-matching-lines
                               Cut (kill) all lines that match regexp
M-x copy-matching-lines
                               Copy all lines that match regexp
                               Insert blank line after cursor (point), does not move cursor
C-o
                               Delete all blank lines after cursor (point)
C-x C-o
C-[ C-o
                               Split line after cursor (point), keep indentation (also C-M-o)
                               Join line with cursor (point) and previous line (also M-^)
C-[ ^
M-x delete-trailing-whitespace Delete all trailing whitespace in buffer
C-[:, (setq show-trailing-whitespace t) Show trailing whitespace in current buffer
C-[:, (setq-default show-trailing-whitespace t) Show trailing whitespace in all buffers
M-<SPC>
                               Delete all but 1 space/tab around cursor (point)
                               Delete all spaces/tabs around cursor (point)
M - \
M-x whitespace-mode
                               Toggle space/tab/newline highlighting
                               Auto-complete word
M - /
                               Display list of auto-completions from current buffer (also C-M-/)
C-[ C-/
                               Indent line/selection
<TAB>
                               Indent selection by number if has argument, or interactive
C-x <TAB>
```

```
Indent selection (region) by 20 columns
C-u 20 C-x <TAB>
                               Spell check the word at cursor (point) (also M-$)
C-[ $
                               Correct word at cursor (if flyspell-mode, or flyspell-prog-mode)
C-.
                               Insert control character (example: C-g C-l)
C-q
                               Highlight phrase
M-s h p
M-s h r
                               Highlight regexp
                               Highlight symbol at cursor (point)
M-sh.
M-s h u
                               Remove highlighting
M-x display-fill
                               Toggle display of fill column (M-x display-fill-column-indicator-mode)
M-x hl-line-mode
                               Highlight line at cursor (color inherited from highlight)
M-x list-faces-display
                               List all currently loaded faces
M-x list-colors-display
                               List all generic colors
C-[:
                               Evaluate expression, like (default-value 'fido-mode), (also M-:)
M-x eval-expression
                               Evaluate (default-value 'tab-width) - value in current buffer
C-x C-[ C-[
                               Re-evaluate last command (also C-x <ESC> <ESC> and C-x M-<ESC>)
                               Customize fonts and colors ('Font Lock' categories)
C-[: (customize-face)
C-u M-x what-cursor-position
                               Describe character at point
C-x 8 <RET> 401
                               Input character #x401 (puts \u0401), M-x fido-mode to disable Fido
                               Invoke Unix shell (bash, dash, etc., also works through TRAMP)
M-x shell
                               Invoke shell implemented in elisp
M-x eshell
M-x ansi-term
                               Invoke terminal emulator
                               Top/htop functionality in Emacs
M-x proced
                               Read man pages in Emacs
M-x man
C-[!
                               Invoke shell command, print output (also M-!)
                               Invoke shell command, insert into current buffer (also C-u M-!)
C-u C-[ !
                               Pipe selection (region) to shell command, print output (M-|)
C-[ |
                               Pipe selection to shell command, replace selection (C-u M-|)
C-u C-[ |
M-x compile
                               Run command (shell script, program, etc.), g to re-run command
                               *Custom Themes* buffer (enable theme, change/migrate settings)
M-x customize-themes
M-x customize-create-theme
                               Create a custom theme
M-x variable-pitch-mode
                               Toggle fixed-pitch/variable-pitch font in current buffer
M-x buffer-face-mode
                               Toggle fixed-pitch/variable-pitch font and other font modes
                               M-x customize-mode, icomplete-mode
Fido mode:
C-s
                               Move to next match
                               Move to previous match
C-r
                               Traditional non-Fido TAB-completion
<TAB>
<RET>
                               Open selected match
                               Open dired in current directory
C-d
                               Go to root directory /
//
                               Go to home directory ~
~/
<base>
                               Delete a character or go up one directory
M-j
                               Stop autocomplete after typing file name, choose what was typed
```

```
Dired hotkeys:
C-x d
                                Open Dired file manager
C-x 4 d
                                Open Dired in other window
                                Open Dired file manager
M-x dired
                               Open Dired if fido-mode is enabled
C-x C-f C-d
M-x customize-group, dired
                               Customize Dired settings, write changes to ~/.emacs.d/init.el
C-h m (in Dired buffer)
                                Open help about Dired, list all Dired hotkeys
                                Ouit Dired
q
                               Open (visit) current item
<RET>
                                Open (visit) current item
                               Open (visit) all marked items,
                                                                     (require 'dired-x)
                               Open all marked items in background, (require 'dired-x)
C-u F
                                Go up one directory
                               Move cursor (point) up
                               Move cursor (point) up
C-p
                               Move cursor (point) down
n
C-n
                               Move cursor (point) down
                               Mark current item
m
                               Unmark current item
u
U
                                Unmark all items
                                Flag for deletion
* m
                               Mark selection
* u
                                Unmark selection
                               Mark by elisp regexp, example .*\.tcl
* %
                               Mark by extension
                               Toggle marking for all items
t
* t
                                Toggle marking for all items
* C
                                Change mark type of all items with same mark type
                                Copy items
                                Rename, or move items
R
                                Change owner
                               Change group
G
                                Change permissions
D
                                Delete marked items (files with * mark)
                                Delete flagged items (files with D mark)
                                Compress marked into an archive file
                                Refresh Dired buffer
                                Create a subdirectory
                               Toggle sorting by name/date
S
<
                               Move cursor (point) to previous subdirectory
                               Move cursor (point) to
                                                           next subdirectory
>
                               Move cursor (point) to file, promt for filename
                                                                 (require 'dired-x)
M-s a C-s
                                Begin multifile Isearch,
                               Xref Query replace regexp,
                                                                 (require 'dired-x)
Q
                               Xref Search by regexp,
                                                                 (require 'dired-x)
```

Synchronous shell command, *, ?, (require 'dired-x)
Asynchronous shell command, (require 'dired-x)
Insert subdirectory in current Dired buffer
Collapse/expand directory opened in Dired buffer
Call find shell command with pattern
Call find shell command with -name
Call find with grep
Call elisp find implementation, elisp regexp

i

M-x find-dired

M-x find-name-dired

M-x find-grep-dired

M-x find-lisp-find-dired