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Note: Read PackageInstallation note first. After installation of swiper and projectile package follow this.	

1 Swiper

After installing swiper you can invoke swiper with

C-s Search with swiper

2 Jump between edits

C-u C-space	jump to previous edit position
C-x C-space	if you want to navigate back between buffers

3 Copy/Save

M-w w	Save word at point
M-w s	Save sexp at point
M-w l	Save list at point including sexp
M-w d	Save defun
M-w f	Save file at point
M-w b	Save buffer

4 Macro

C-x (Start defining a macro
C-)	Stop defining a macro
C-e	Execute macro
C-u 37 C-x e	Execute 37 time

5 Case

C-x C-u	uppercase
C-x C-l	lowercase

6 Selection

C-x SPC	rectangle-mark-mode
---------	---------------------

7 Customization

7.1 Change theme

M-x	customize-themes
-----	------------------

8 Key-chords (Quick Jump in edit)

Key-chords are available only when the prelude-key-chord module has been enabled.

Keybinding	Description
jj	Jump to the beginning of a word(<code>avy-goto-word-1</code>)
jk	Jump to a character(<code>avy-goto-char</code>)
jl	Jump to the beginning of a line(<code>avy-goto-line</code>)
JJ	Jump back to previous buffer(<code>crux-switch-to-previous-buffer</code>)
uu	View edits as a tree(<code>undo-tree-visualize</code>)
xx	Executed extended command(<code>execute-extended-command</code>)
yy	Browse the kill ring(<code>browse-kill-ring</code>)

pp	Goto previous line
nn	Goto next line
bb	List bookmark
bm	Add bookmark

;; Custom keys defined in init-personalize.el

```
(key-chord-define-global "nn" 'next-line)
(key-chord-define-global "pp" 'previous-line)
(key-chord-define-global "bb" 'bookmark-bmenu-list)
(key-chord-define-global "bm" 'bookmark-set)
```

9 Convert Document

```
pandoc -f markdown -t org -o README.org README.md ;; convert from markdown to org
pandoc -f org TutorialKeyBindings.org -o TutorialKeyBindings.pdf
```

10 Bookmark

C-x r m	Create bookmark of current file or directory you are visiting
C-x r b	Go to a bookmark
C-x r l	List bookmark

d	Make item for delete
x	Remove all that are marked for d
r	Rename current item's title
s	Save changes

```
(setq bookmark-save-flag 1) ; everytime bookmark is changed, automatically save it
```

11 Prelude

11.1 Install prelude

; Example src code

```
curl -L https://git.io/epre | sh
```

11.2 Other modules

```
(require 'prelude-helm)
(require 'prelude-key-chord)
```

```
; writing function
(defun my-some-function()
  (interactive)
  (function1 param)
  (function2 param))
```

11.3 Global shortcuts

Keybinding	Description
C-x \	<code>align-regexp</code>
C-+	Increase font size(<code>text-scale-increase</code>).
C-	Decrease font size(<code>text-scale-decrease</code>).
C-x O	Go back to previous window (the inverse of <code>other-window</code> (C-x o)).
C-^	Join two lines into one(<code>crux-top-join-line</code>).
C-x p	Start <code>proced</code> (manage processes from Emacs; works only in Linux).
C-x m	Start <code>eshell</code> .
C-x M-m	Start your default shell.
C-x C-m	Alias for M-x.
M-X	Like M-x but limited to commands that are relevant to the active major mode.
C-h A	Run <code>apropos</code> (search in all Emacs symbols).
C-h C-m	Display key bindings of current major mode and descriptions of every binding.
M-/	Run <code>hippie-expand</code> (a replacement for the default <code>dabbrev-expand</code>).
C-x C-b	Open <code>ibuffer</code> (a replacement for the default <code>buffer-list</code>).
F11	Make the window full screen.
F12	Toggle the Emacs menu bar.
C-x g	Open Magit's status buffer.
C-x M-g	Open Magit's popup of popups.
M-Z	Zap up to char.
C=	Run <code>expand-region</code> (incremental text selection).
C-a	Run <code>crux-move-beginning-of-line</code> . Read this for details.

11.4 Prelude Mode

Keybinding	Description
C-c o	Open the currently visited file with an external program.
C-c i	Search for a symbol, only for buffers that contain code
C-c g	Search in Google for the thing under point (or an interactive query).
C-c G	Search in GitHub for the thing under point (or an interactive query).
C-c y	Search in YouTube for the thing under point (or an interactive query).
C-c U	Search in Duckduckgo for the thing under point (or an interactive query).
C-S-RET or Super-o	Insert an empty line above the current line and indent it properly.
S-RET or M-o	Insert an empty line and indent it properly (as in most IDEs).
C-S-up or M-S-up	Move the current line or region up.
C-S-down or M-S-down	Move the current line or region down.
C-c n	Fix indentation in buffer and strip whitespace.
C-c f	Open recently visited file.
C-M-\	Indent region (if selected) or the entire buffer.
C-c u	Open a new buffer containing the contents of URL.
C-c e	Eval a bit of Emacs Lisp code and replace it with its result.
C-c s	Swap two active windows.
C-c D	Delete current file and buffer.
C-c d	Duplicate the current line (or region).
C-c M-d	Duplicate and comment the current line (or region).
C-c r	Rename the current buffer and its visiting file if any.
C-c t	Open a terminal emulator (ansi-term).
C-c k	Kill all open buffers except the one you're currently in.
C-c TAB	Indent and copy region to clipboard
C-c I	Open user's init file.
C-c S	Open shell's init file.
C-c . +	Increment integer at point. Default is +1.
C-c . -	Decrement integer at point. Default is -1.
C-c . *	Multiply integer at point. Default is *2.
C-c . /	Divide integer at point. Default is /2.
C-c . \	Modulo integer at point. Default is modulo 2.
C-c . ^	Power to the integer at point. Default is ^2.
C-c . <	Left-shift integer at point. Default is 1 position to the left.
C-c . >	Right-shift integer at point. Default is 1 position to the right.
C-c . #	Convert integer at point to specified base. Default is 10.
C-c . %	Replace integer at point with another specified integer.
C-c . '	Perform arithmetic operations on integer at point. User specifies operator.
Super-r	Recent files
Super-j	Join lines
Super-k	Kill whole line
Super-m m	Magit status
Super-m l	Magit log
Super-m f	Magit file log
Super-m b	Magit blame mode

12 Magit

Getting started with Magit is really easy:

M-x magit-status or C-x g	to see git status, and in the status buffer
s	stage files
c c	commit (type the message then C-c C-c to actually commit)
b b	switch to another branch
P u	git push
F u	git pull

12.1 Help projectile keys

C-c p C-h or s-p C-h	
or s-p	and wait for a moment for key bindings for projectile
C-c h	helm
C-c h C-h	Key bindings in helm

13 Dired Mode

Keybinding	Description
Enter/o	Open a file
g	Refresh
^	Visit Parent Directory
m	Mark file
u/U	Unmark/unmark all
%m	Mark by regexp
%g	Make files with content matching regexp
t	Toggle mark all
d/D	Flag for deletion/delete now
%d	Flag by regexp
R	Rename/Move
C	Copy
i/+	Create directory

Note: For more see: Dired Ref

14 Basic from tutorial

14.1 Move

C-f	Move forward a character
C-b	Move backward a character
M-f	Move forward a word
M-b	Move backward a word
C-n	Move to next line
C-p	Move to previous line
C-a	Move to beginning of line
C-e	Move to end of line
M-a	Move back to beginning of sentence
M-e	Move forward to end of sentence

C-u 8 * Insert * 8 times

14.2 Delete

 Delete the character just before the cursor

C-d Delete the next character after the cursor

M- Kill the word immediately before the cursor

M-d Kill the next word after the cursor

C-k Kill from the cursor position to end of line

M-k Kill to the end of the current sentence

14.3 Undo

C-/ Undo

C-_ Undo

C-x u Undo

C-x z Redo previous command

C-g C-/ Redo

C-S-/ Redo

14.4 File

C-x C-f Find file
C-x C-s Save file
C-x s Save some buffers
C-x C-b List buffers
C-x b Switch buffer
C-x C-c Quit Emacs
C-x 1 Delete all but one window
C-x u Undo

14.5 Multiple windows

C-M-v Scroll other window
C-x o Go to other window
C-x 1 Get rid of other windows
C-x 0 Get rid of current window
C-x 4 C-f Open in other window
C-x 5 2 Open new frame
C-x 5 0 Remove selected frame

14.6 Help

ESC ESC ESC Get out of recursive mode
C-h c <cmd/char/seq> Shows help on cmd. E.g C-h c C-p shows what C-p does
C-x C-c Exit emacs (Only do this if you restart)

15 Org mode

C-c C-l	Org insert link
C-c C-o	Org open at point

15.1 Create a file with todo and add it to agenda

Org mode:

C-c a	agenda
C-c	add document to the list of agenda files
C-c	remove document from the list of agenda files
C-c	add date
C-u C-c .	– add time and date
C-g	– stop doing what you are trying to do, escape

15.2 Tasks

C-c C-t	Task done
Link [[link]][description]\]	
Shift tab	Show all headings
C-c a t	Global tab list
C-c C-s	Org schedule. Go to a list and schedule it.
l	In agenda, turns on log display (finished task and finished dates)

Note: For more see: Org mode Ref Card

16 Printing

lpq / lpstat	Show print queue
cancel -a	Cancel all print jobs
lpr <files>	Print files

17 Tags

17.1 To Generate Tags

```
find . -type f -iname "*.chS" | xargs etags -a
find . -name '*.c' -exec etags -a {} \;
```

17.2 To Genereate Emacs Tags

```
ctags -e myfile.cpp
ctags -e -R .
ctags -e -R *.cpp *.hpp *.h
```

17.3 Basic commands

Command Name	Action
M-. <RET>	Jump to the tag underneath the cursor
M-. <tag> <RET>	Search for a particular Tag
C-u M-.	Find the next definition for the last Tag
M-*	Pop back to where you previously invoked M-.

18 Projectile

Keys	Description
C-c p C-h	Projectile's key bindings
C-c h	Go to a projectile project (most important)
C-x j	Projectile dired (Ctrl - m = Go inside director)
C-x j	Projectile dired (Ctrl - m: Inside, v: down, ^: up)

`ctags -e -R . : Generate emacs ctags`

M-. , M-. tag	Jump to tag or search a tag
C-u M-.	Find the next definition for the last tag
M-*	Pop back to where you previously invoked M-.