

# My Vim Cookbook

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Vim is very good and professional text editor. We need editors to create source for C/C++/Python programming.

## 1 Frequently used commands

### 1.1 Help

home/user> vimtutor	at the linux command line to get tutor file
:help	inside vim to get general help
:help set	get help on the command set

Note: These commands are cryptitic and for a beginner refer some online help [3](#).

### 1.2 Very basic

vim file.txt	open the file with file.txt
i	start insert text mode command
my text	type some test
Esc	escape from the insert mode
:wq	write to the file and quit

Note: These commands are cryptitic and for a beginner refer some online help [3](#).

### 1.3 invisible commands

command	description
yy	copy one line
4yy	copy 4 line
dd	delete one line
4dd	delete 4 line
p	paste after the current cursor location
P	paste before the current cursor location
g*	keep the cursor in a word and them issue this command to search for that word forward

g#	keep the cursor in a word and then issue this command to search for that word backward
gq}	keep the cursor at the beginning of a paragraph and issue the command to format that paragraph
gq)	keep the cursor at the beginning of a line and issue the command to format that line
.	repeat the previous command

## 1.4 search commands

command	description
/car	To search for word car
n	Repeat the previous search forward
N	Repeat the previous search backward
:%s/xx/yy/c	search for the word xx and replace with yy. It asks for confirmation every time
:%s/xx/yy/g	search for the word xx and replace with yy. It is global replacement without confirmation
:g/xx	list all the lines that contain the word xx

## 1.5 visible commands

command	description
:77	cursor goes to line 77
:\$	cursor goes to the last line
:r file.txt	read the contents of file.txt into the current file
:split	split the file into two
:edit f1.c	open f1.c for editing
:next	show the next file if it is opened
:previous	show the previous file if it is opened
:vsplit	split vertically
:vsplit f2.c	split vertically v2.c
:	

## 1.6 control commands

command	description
[ctrl+] y	copy from the above line
[ctrl+] e	copy from the below line
[ctrl+] w w	switch to next window
[ctrl+] w +	increase the size of the window
[ctrl+] w =	set the size equal to all the windows

## 1.7 command line options

command	description
vim f1.c f2.c	open f1.c and f2.c
:next	show the next file
:n	show the next file
:previous	show the previous file
:pre	show the previous file

```
vim -o f1.c f2.c
```

open f1.c and f2.c in each window

## 2 Advanced commands

### 2.1 Copy buffers

```
"a3yy  
"ap  
"A3yy
```

copy three lines to buffer a  
paste buffer a (We can have maximum 26 buffers)  
append three lines to buffer a/A

### 2.2 More search options

```
:g/\ <mon\>
```

list all the lines that contains the word mon, but does not show monday and summon. That is full word only.

```
:set ignorecase
```

Ignore case in search

```
/xx\|yy
```

To search for word xx OR yy in a line

```
/. *xx\&. *yy
```

To search for word xx AND yy in a line

```
/xx.*yy
```

To search for all characters from xx till yy

```
:10,+5 s/xx/yy/g
```

search for the word xx from lines 10 to 15 and replace with yy

```
:1,. s/xx/yy/g
```

search for the word xx from lines 1 to the current line and replace with yy

```
::,$ s/xx/yy/g
```

search for the word xx from lines from the current line till end of file and replace with yy

### 2.3 More search options

```
vim -s sfile file.tex
```

open file.tex and execute the script in sfile The script file could be any file that contains vim commands.

```
:s/apple/orange/g
```

This could be the content of a script file. This can be save in file named say sfile

```
:wq
```

To search in multiple file (say all txt files) and do the changes

```
vim *.txt
```

```
qq
```

```
:%s/orange/apple/g
```

```
:wnext
```

```
q
```

```
@q
```

```
99@
```

### 2.4 C program

```
>
```

Indent the code

```
:set ai
```

Set auto indent while coding

```
%
```

issue this at { or ( and this command will find the closing match

```
*
```

issue this at a word and this command will search similar words

## 2.5 .vimrc

This file stores the settings and abbreviations and act as default initializing file. My .vimrc looks like this and can be downloaded. [My .vimrc](#) This is located at my home area. You will have problem in viewing the new line character here.