

# Vim Tutorial

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## COMMANDS

### <num> Quantified Motion

j, k	Move cursor down, up
h, l	Move cursor left, right
w, W	Go to start of next word
b, B	Go to start of previous word
{, }	Section over, section back
e, E	Go to end of word

### Unquantified Motion

gg	Go to start of file
G	Go to end of file
\$	Go to end of line
0	Go to beginning of line

### Text Operators <given text>

d, dd	Delete given text, delete line
r<char>	Replace given text with <char>
b, B	Go to start of previous word
{, }	Section over, section back
e, E	Go to end of word

### Change Mode

<Esc>	Enter command mode
i	Enter insert mode
v	Enter visual mode
c	Change <given text> and enter insert
o, O	Insert on line below, above
a, A	Insert on next character, end of line

### Other Commands <given text>

:w	Write buffer (save)
:q	Quit buffer
:q!	Quit buffer (discard changes)
.	Repeat last command
u	Undo last command
<Ctrl>R	Redo command from undo stack
:/<regex>	Search file for <regex> matches

### Visual Commands <given text>

y	Yank (copy)
p	Paste
u, U	Change text to lower/upper case
<<, >>	Shift text left, right

## Modes

Insert i  
Type normally.

Command :  
Do computation  
over text.

Editing <Esc>  
Edits text with  
vim keybindings.

Visual v  
Highlights text  
for block editing.

## MACROS

Start recording a macro in editing mode with q<alph> and press q again to stop recording.

Replay a macro by pressing :@<alph>.

Type :<num1>,<num2>norm! @<alph> to replay a macro over the lines in the interval [<num1>,<num2>].