## k [0][^][h] []] [] VI j ŏ Move to the start of the line Move to the first non-ws character h 1 Move one character to the left/right Miscellan j k \$ Move one line down/up Move to the end of the line u { ] $\left[ \left( \right) \right]$ B b ● e E W W ) } ^R U Move to the previous/next paragraph } ł 응 j Move to the previous/next sentence ( ^G Move to the beginning/end/next word W b e ^L в W Move to the beginning/end/next E whitespace-delimited word Each of hjkl{} () bewBEW may be preceded by a Character number *n* to indicate *n* repetitions of that movement F , **Transfers to Insert Mode** Find (in the 0 fx $n\mathbf{f}x$ a (A) ( i ) tx 0 ntx $\mathbf{T}x$ Insert ... $n\mathbf{T}x$ ... before the current character i Fx ni ... before the current character $(\times n)$ n**F**x Ι ... at the start of the line ; $n\mathbf{I}$ ... at the start of the line $(\times n)$ **Regular E** Append ... N ... after the current character а ... after the current character ( $\times n$ ) na ... at the end of the line Search fo Α nA ... at the end of the line $(\times n)$ / < re >n/<re> Open the... ?<re> ... the following line n? < re >0 ... the following line and repeat $(\times n)$ no n ... the previous line 0 Ν nO ... the previous line and repeat $(\times n)$ Default Bu **Text Modifications** Yank to th Delete everything up to ... $\mathbf{y} < mv >$ $n\mathbf{y} < mv > \mathbf{y}$ $d < mv > \dots$ the move $n\mathbf{d} < mv > \dots n$ repetitions of the move ... the end of the line D nЧ nD ... the end of *n* lines уу Delete the entire line dd nyy Delete n lines ndd Any dDxX o text into the "x" (delete) the ... ... current character х Put the co ... next *n* characters (inclusive) $n\mathbf{x}$ ... previous character р x np P nX ... previous n characters $n\mathbf{P}$ Replace ... Named Bu ... the current character with x **r**x ... the next n characters with x $n\mathbf{r}x$ There are 2 R ... from the current character on $n\mathbf{R}$ ... from the current character on $(\times n)$ Precede al "a "A Change everything up to ... $\mathbf{c} < mv > \dots$ the move Put the co $n\mathbf{c} < mv > \dots n$ repetitions of the move ... the end of *n* lines С ″ap ... the end of the line nC $n''a\mathbf{\bar{p}}$ Change the entire line "a**Þ** cc ncc Change *n* lines $n''a\mathbf{P}$ Substitute the ... Marking P ... current character s There are 2 ns ... next n characters Mark a po ... entire line S nS ... next n lines ma

## Indent/Unindent ...

Simple Movement

>>	the current line
> < mv >	> all lines up to the end of the move
<<	the current line
$< mv^{>}$	> next <i>n</i> lines

		Move	ment Comma
		_	Move to the
		<i>n</i> -	Move to the
:	ia Vaur Friand	<b>+</b>	Move to the
VI	is Your Friend	n+	Move to the
	by Douglas Wilhelm Harder		
		H	Move to the
		nH	Move to the
Miscellan	eous Useful Commands		Move to the Move to the
	Repeat the last command		wove to the
u.	Undo the last change	G	Move to the
^R	Redo the last undo	nG	Move to the
U	Undo all changes to current line	n	Move to the
8	Find a matching delimiter { [ ( ) ] }	Scrol	ling Comman
^G	Print the current line and column		-
^L	Refresh the screen	^E	
~	Change the case of a letter	<u>א^ר</u> מ^ר	
Characte	r Searches	n^u	
		ק' (א	
[,] [F]	$\begin{bmatrix} x \end{bmatrix} \begin{bmatrix} T & x \end{bmatrix} \begin{bmatrix} t & x \end{bmatrix} \begin{bmatrix} f & x \end{bmatrix} = \begin{bmatrix} f \end{bmatrix}$	$n^{1}$	
			Move cursor
Find (in th	e current line) the	z.	• • •
fx	next occurrence of x	z-	<ul> <li>Move cursor</li> </ul>
n <b>f</b> x	<i>n</i> th occurrence of <i>x</i>	<u>^</u> E	Shift screen
tx	character before $fx$	n^E	
ntx	character before $nfx$	^E	
<b>T</b> x	character after $\mathbf{F}x$	n^E	
$n\mathbf{T}x$	character after $n\mathbf{F}x$		
Fx	previous occurrence of x	n^E	Scroll forwar
n <b>F</b> x	<i>n</i> th prior occurrence of <i>x</i>	Reau	lar Expressio
;	Repeat the previous find Repeat in the opposite direction	a	A letter or nu
/		] <sup>u</sup>	The period r
Regular E	Expression Searches	[xyz]	Matches any
N	? // n	$\left[ ^{xyz} \right]$	
	<u>(</u> )	[a-z]	
Search fo	or the	[^0-9	] Short cut for
		< rl > <	
· · ·	next occurrence of <i><re></re></i> <i>n</i> th occurrence of <i><re></re></i>	< <i>re&gt;*</i>	
? <re></re>	previous occurrence of < <i>re</i> >		re>* Matches at I
n? <re></re>	<i>n</i> th prior occurrence of $< re >$	\ <b>&lt;</b> < <i>re</i>	
n	Repeat the previous search	< re > 1	
N	Repeat in the opposite direction		\$ Matches the
Default P	uffor Modifications	Searc	h and Replac
	uffer Modifications	Replac	e the first instance
Yank to th	e buffer everything up to		e the first instance
Yank to the $y < mv > mv$	e buffer everything up to the move	Replac current	e the first instance
Yank to th y <mv> ny<mv></mv></mv>	the buffer everything up to the move <i>n</i> repetitions of the move	Replac current	e the first instance line e all instances of o
Yank to th y <mv> ny<mv> ¥</mv></mv>	the buffer everything up to the move <i>n</i> repetitions of the move the end of the line	Replac current Replac current	e the first instance line e all instances of o
Yank to th y <mv> ny<mv> Y nY</mv></mv>	the buffer everything up to the move <i>n</i> repetitions of the move the end of the line the end of <i>n</i> lines	Replac current Replac current	e the first instance line e all instances of d line e all instances of :
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Yank to the y < mv > ny < ny < ny y Any dDxX of text into the Put the co p np p nP Named B There are 2 Precede a "a Put the co "ap n ap n a	<pre>ne buffer everything up to the move the move the end of the line the end of <i>n</i> lines Yank to the buffer the entire line Yank to the buffer <i>n</i> lines Deperation also copies the deleted e default buffer after the cursor/line before the cursor/line before the cursor/line (×n) uffer Modifications 26 named buffers labeled a-z any dDyYxX with to copy into the named buffer after the cursor/line after the cursor/line to copy into the named buffer after the cursor/line before the cursor/line before the cursor/line before the cursor/line Contents of a named buffer</pre>	Replac current Replac current Replac current Extend where % File M Session : w : w : w : w : w : w : w : w : w :	e the first instance line e all instances of a line e all instances of a line the scope beyond < <i>scope</i> > is one of All lines in , <i>\$</i> All lines aff , <i>+n</i> The curren <b>All lines</b> aff , <i>+n</i> The curren <b>Anipulation</b> on File Manipu <i>filename</i> ove <i>filename</i> ove <i>f</i>
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Yank to the y < mv > ny < ny < ny y Any dDxX of text into the Put the co p np p nP Named B There are 2 Precede a "a Put the co "ap n ap n a	<pre>he buffer everything up tothe movethe movethe end of the linethe end of <i>n</i> lines Yank to the buffer the entire line Yank to the buffer <i>n</i> lines Deperation also copies the deleted e default buffer</pre>	Replac current Replac current Replac current Extend where % File M Session : w : w : w : w : w : w : w : w : w :	e the first instance line e all instances of a line e all instances of a line the scope beyond < <i>scope</i> > is one of All lines in , <i>\$</i> All lines aff , <i>+n</i> The curren <b>All lines</b> aff , <i>+n</i> The curren <b>Anipulation</b> on File Manipu <i>filename</i> ove <i>filename</i> ove <i>f</i>

## 

	Movement Commands			
	- n- + n+	Move to the start of the previous line Move to the start of the <i>n</i> th previous line Move to the start of the following line Move to the start of the <i>n</i> th following line		
	Н nH L nL	Move to the top of the screen Move to the <i>n</i> th line from the top Move to the bottom (lower) of the screen Move to the <i>n</i> th line from the bottom		
	G nG n	Move to the end of the file Move to the <i>n</i> th line Move to the <i>n</i> th column		
	Scrolling Commands			
	^B	Scroll back one screen		
]	n^B ^U n^U ^Y n^Y	Scroll back <i>n</i> screens Scroll up (up to) one-half a screen Scroll up <i>n</i> lines (and remember <i>n</i> ) Shift screen down by one line Shift screen down by <i>n</i> line		
	z ↓ z. z- ^E	Move cursor to top of the screen Move cursor to the middle of the screen Move cursor to the bottom of the screen Shift screen up by one line		
	n^E ^D n^D ^F n^F	Shift screen up by <i>n</i> line Scroll down (up to) one-half a screen Scroll down <i>n</i> lines (and remember <i>n</i> ) Scroll forward one screen Scroll forward <i>n</i> screens		
		Expressions		
]	a [xyz] [^xyz]	A letter or number matches itself The period matches anything Matches any one character inside [ ] Matches any character not in [ ]		
	<re>*</re>	Short cut for [abcdexyz] Short cut for [^0123456789] Matches <ri> followed by <r2> Matches any number (also 0) of <re> Matches at least one of <re></re></re></r2></ri>		
	\< <re> <re>\&gt; <re>\&gt; \$</re></re></re>	Matches $\langle re \rangle$ at the start of a word Matches $\langle re \rangle$ at the end of a word Matches the start and end of a line		
_		nd Replace		
	current line	first instance of dog with cat on the :s/dog/cat		
		instances of dog with cat on the :s/dog/cat/g		
	current line Replace all	instances of 1/2 with 1/3 on the		
	current line	:s-1/2-1/3-g :s/1\/2/1\/3/g		
		scope beyond the current line: : <scope>s/dog/cat</scope>		
	where <scop< th=""><th><i>be&gt;</i> is one of All lines in the file</th></scop<>	<i>be&gt;</i> is one of All lines in the file		
		All lines after and including the current <i>n</i> The current line and the next <i>n</i> lines		
	File Mani			
	: w	ile Manipulation write (save) the file Lename write to the specified file appended .new to current name		
	:w! fi	<i>Lename</i> overwrite the specified file quit the session		
	:q! :wq Multiple-F	quit and do not save the session write the file and quit ile Manipulation		
	:n	go to the next file		
	:n! :wn	go to the next file without saving write the file and go to the next file		
	: N : N! : wN	go to the previous file go to the previous file without saving write the file and go to the previous file		
	[	Command Examples		
	ddp swap t	ose two characters vo lines		

% move to the next delimiter in this line { [ () ] }

**cw** change the rest of the word

c2w change the rest of the current word and the next 4dd delete four lines

... the start of the line with mark a ... the start of the line with the last mark

... the mark a

... the last mark

`a

' a

, ,