Assignment - 1
Vim Editor

Vim is a very efficient text editor.

Exiting

:q	**Close file**
:qa	**Close all files**
:w	**Save**
:wq / :x	**Save and close file**
ZZ	**Save and quit**
ZQ	**Quit without checking changes**

Navigating

h j k l	**Arrow keys**
<C-U> / <C-D>	**Half-page up/down**
<C-B> / <C-F>	**Page up/down**

Words

b / w	**Previous/next word**
ge / e	**Previous/next end of word**

Line

0 (zero)	**Start of line**
^	**Start of line (after whitespace)**
$	**End of line**

Character

fc	**Go forward to character c**
Fc	**Go backward to character c**

Document

gg	**First line**
G	**Last line**
:{number}	**Go to line {number}**
{number}G	**Go to line {number}**
{number}j	**Go down {number} lines**
{number}k	**Go up {number} lines**

Window

zz	**Center this line**
zt	**Top this line**
zb	**Bottom this line**

H	**Move to top of screen**
M	**Move to middle of screen**
L	**Move to bottom of screen**

Search

n	**Next matching search pattern**
N	**Previous match**
*****	**Next whole word under cursor**
#	**Previous whole word under cursor**

Tab pages

:tabedit [file]	**Edit file in a new tab**
:tabfind [file]	**Open file if exists in new tab**
:tabclose	**Close current tab**
:tabs	**List all tabs**
:tabfirst	**Go to first tab**
:tablast	**Go to last tab**
:tabn	**Go to next tab**

:tabp	**Go to previous tab**

Editing

a	**Append**
A	**Append from end of line**
i	**Insert**
o	**Next line**
O	**Previous line**
s	**Delete char and insert**
S	**Delete line and insert**
C	**Delete until end of line and insert**
r	**Replace one character**
R	**Enter Replace mode**
u	**Undo changes**
<C-R>	**Redo changes**

Exiting insert mode

Esc / <C-[>	**Exit insert mode**

<C-C>	**Exit insert mode, and abort current command**

Clipboard

x	**Delete character**
dd	**Delete line (Cut)**
yy	**Yank line (Copy)**
p	**Paste**
P	**Paste before**
"*p / "+p	**Paste from system clipboard**
"*y / "+y	**Paste to system clipboard**

Visual mode

v	**Enter visual mode**
V	**Enter visual line mode**
<C-V>	**Enter visual block mode**

In visual mode

d / x	**Delete selection**
s	**Replace selection**

y	**Yank selection (Copy)**

See Operators for other things you can do.

Find & Replace

:%s/foo/bar/g	**Replace foo with bar in whole document**

#Operators

Usage

Operators let you operate in a range of text (defined by motion). These are performed in normal mode.

d	**w**
Operator	**Motion**

Operators list

d	**Delete**
y	**Yank (copy)**
c	**Change (delete then insert)**
>	**Indent right**

<	**Indent left**
=	**Autoindent**
g~	**Swap case**
gU	**Uppercase**
gu	**Lowercase**
!	**Filter through external program**

Combine operators with motions to use them.

dd	**(repeat the letter) Delete current line**
dw	**Delete to next word**
db	**Delete to beginning of word**
2dd	**Delete 2 lines**
dip	**Delete a text object (inside paragraph)**
(in visual mode) d	**Delete selection**

Text objects let you operate (with an operator) in or around text blocks (objects).

v	**i**	**p**
Operator	**[i]nside or [a]round**	**Text object**

Text objects

p	**Paragraph**
w	**Word**
s	**Sentence**
[({ <	**A [], (), or {} block**
' " `	**A quoted string**
b	**A block [(**
B	**A block in [{**
t	**A XML tag block**

Examples

vip	**Select paragraph**
vipipipip	**Select more**

yip	Yank inner paragraph
yap	Yank paragraph (including newline)
dip	Delete inner paragraph
cip	Change inner paragraph

Diff

gvimdiff file1 file2 [file3]	See differences between files, in HMI

Folds

zo / zO	Open
zc / zC	Close
za / zA	Toggle
zv	Open folds for this line
zM	Close all
zR	Open all

zm	**Fold more (foldlevel += 1)**
zr	**Fold less (foldlevel -= 1)**
zx	**Update folds**

Uppercase ones are recursive (eg, zO is open recursively).

Navigation

%	**Nearest/matching {[()]}**
[([{ [<	**Previous (or { or <**
])	**Next**
[m	**Previous method start**
[M	**Previous method end**

Jumping

<C-O>	**Go back to previous location**
<C-I>	**Go forward**

gf	**Go to file in cursor**

Counters

<C-A>	**Increment number**
<C-X>	**Decrement**

Windows

z{height}<Cr>	**Resize pane to {height} lines tall**

Tags

:tag Classname	**Jump to first definition of Classname**
<C-]>	**Jump to definition**
g]	**See all definitions**
<C-T>	**Go back to last tag**
<C-O> <C-I>	**Back/forward**
:tselect Classname	**Find definitions of Classname**

:tjump Classname	**Find definitions of Classname (auto-select 1st)**

Case

~	**Toggle case (Case => cASE)**
gU	**Uppercase**
gu	**Lowercase**
gUU	**Uppercase current line (also gUgU)**
guu	**Lowercase current line (also gugu)**

Do these in visual or normal mode.

Marks

`^	**Last position of cursor in insert mode**
`.	**Last change in current buffer**
`"	**Last exited current buffer**
`0	**In last file edited**

''	**Back to line in current buffer where jumped from**
``	**Back to position in current buffer where jumped from**
`[	**To beginning of previously changed or yanked text**
`]	**To end of previously changed or yanked text**
`<	**To beginning of last visual selection**
`>	**To end of last visual selection**
ma	**Mark this cursor position as a**
`a	**Jump to the cursor position a**
'a	**Jump to the beginning of the line with position a**
d'a	**Delete from current line to line of mark a**
d`a	**Delete from current position to position of mark a**
c'a	**Change text from current line to line of a**
y`a	**Yank text from current position to position of a**
:marks	**List all current marks**
:delm a	**Delete mark a**
:delm a-d	**Delete marks a, b, c, d**

:delm abc	**Delete marks a, b, c**

Misc

.	**Repeat last command**
]p	**Paste under the current indentation level**
:set ff=unix	**Convert Windows line endings to Unix line endings**

Command line

<C-R><C-W>	**Insert current word into the command line**
<C-R>"	**Paste from “ register**
<C-X><C-F>	**Auto-completion of path in insert mode**

Text alignment

:center [width]

:right [width]

:left

Calculator

<C-R>=128/2	**Shows the result of the division : ‘64’**

Do this in insert mode.

Exiting with an error

:cq
:cquit

:set spell spelllang=en_us	**Turn on US English spell checking**
]s	**Move to next misspelled word after the cursor**
[s	**Move to previous misspelled word before the cursor**
z=	**Suggest spellings for the word under/after the cursor**
zg	**Add word to spell list**

zw	**Mark word as bad/mispelling**
zu / C-X (Insert Mode)	**Suggest words for bad word under cursor from spellfile**