

Lecture -8

Vim Editor

Modifying a File Insert Mode:

- I begins insert mode at the cursor
- Many other options exists
 - A append to end of line
 - I insert at beginning of line
 - O insert new a line (below)
 - O insert new line (above)

Editing text in insert mode:

Many commands will take you into insert mode. The slide above lists six common ways to do so. The I command will insert your data before the cursor. The letter I will not appear in your document, but all other characters that type will appear, until you exit insert mode, hit the esc key.

The command will place you in insert mode. Allowing you to append after the cursor. Again, exit insert mode by hitting the esc key.

The o command opens a line below the current line, placing you in insert mode.

Note the relationship between the lower case **a**, **I**, and **o**, and the upper case **A**, **I**, whereas the **a** appends after the cursor, the **A** appends at the end of the line. The **I** insert before the cursor; the **I** inserts at the beginning of the line. The **o** opens a line below the current line; the **o** opens a line above the current line. Patterns such as these permeate the **vi** and **vim** commands.

Saving File and Exiting vim Ex Mode:

- Enter Ex Mode with:
 - Creates a command prompt at bottom-left of screen
- Common Write/quit Commands:
 - :w writes (saves) the file to disk
 - :wq writes and quits
 - :q: quits, even if changes are lost

Using Command Mode:

- Default mode of vim
- Keys describe movement and text manipulation commands
- Example
 - Right arrow moves right one character
 - 5, Right arrow Moves right five characters

Moving Around Command Mode:

- Move by Character: arrow Keys, h, j, k, l
 - Non- arrow keys useful for remote connections to older systems
- Move by word: **w, b**
- Move by sentences:) ‘(
- Move by paragraph:} ,{
- Jump to line X: xg
- Jump to end: G

Search and Replace Command mode:

- Search as in **less**
 - /, n, N
- Search/Replace as in **Sed**
 - Affects current line by default
 - Use x, y ranges or % for whole file
 - **:1, 5s/cat/dog/**
 - **:%s/cat/dog/gi**

Manipulating Text Command mode:

	Change (replace)	Delete (Cut)	Yank (copy)
Line	cc	dd	yy
Letter	cl	dl	yl
Word	cw	dw	yw
Sentences ahead	c)	d)	y)
Sentences behind	c(d(y(
Paragraph above	c{	d{	y{
Paragraph below	c}	d}	y}
