

# **MORE COMMAND LINE**

# ALIASES

- Give a short name to use in place of longer command
- Add in ~/.bashrc
- Example:

```
alias la='ls -a'
```

# SSH HOSTNAME ALIASES

- Allow you to type short name without username, etc.
- Edit `~/.ssh/config`
- For each alias:
  - `Host eos01` (can replace eos01 with a different name if you prefer)
  - `Hostname eos01.cis.gvsu.edu` (replace with another machine if you prefer)
  - `User carrier` (replace carrier with your username)

# VIM

- Modal: go between insert and command
  - `i` enters input
  - `esc` enters command mode
- Can use `a` instead of `i`
  - `i` insert (before)
  - `a` append (after)
- Save: `:w`
- Quit: `:q`

# VIM - MOVING THE CURSOR

In command mode:

- Arrow keys
- h (left), j (down), k (up), l (right)
- w: forward a word
- W: forward a word (blank delimited)
- b: back a word
- B: back a word (blank delimited)

# VIM - MOVING THE CURSOR

- `#gg` -> goto line #
- `gg` -> go to beginning of file
- `G` -> go to end of file

# VIM - DELETE

- `x`: delete character
- `dw`: delete word
- `dd`: delete line
- `D`: delete rest of the line
- Can precede first 3 by number to repeat

# VIM - COPY

- `yy`: yank current line
- `yw`: yank current word
- can precede both of the above by number to copy multiple
- `p`: paste (below/after)
- delete commands also copy and can be used with `p`



# OTHERS

- Searching: `/desiredword`
- Replace: `:%s/toreplace/newstring`
- Other options for replacing only on this line, etc.
- `u`: undo
- `q!`: quit - discarding changes

# VIM - CONFIGURATION

- Change how it behaves
- Can add line numbers, change tabstop, syntax highlighting, etc
- Edit `~/.vimrc` to change persistently