Agenda

* Introduction to Linux Command Line
* Editing with vi
* Introduction to Shell Scripting
* Discuss Assignment #00

Running Amazon Linux VM Locally

* [Run Amazon Linux 2 as a virtual machine on-premises](https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/amazon-linux-2-virtual-machine.html)

Reading

Recommended Books

* [Unix Shell Programming by Stephen G. Kochan](https://learning.oreilly.com/library/view/unix-shell-programming/0672324903/)
* [UNIX and Linux System Administration Handbook by Dan Mackin, Ben Whaley, Trent R. Hein, Garth Snyder, Evi Nemeth](https://learning.oreilly.com/library/view/unix-and-linux/9780134278308/)
* [Learning the vi and Vim Editors by Elbert Hannah, Linda Lamb, Arnold Robbins](https://learning.oreilly.com/library/view/learning-the-vi/9780596529833/)

*vi* editor

* [Mastering the vi editor](http://web.eng.hawaii.edu/Tutor/vi.html)

Linux

* [The Linux Command Line](http://linuxcommand.org/tlcl.php)
* [Linux Documentation](https://linux.die.net/)
* [Linux Load Averages: Solving the Mystery](http://www.brendangregg.com/blog/2017-08-08/linux-load-averages.html)
* [Save a file (that requires root permissions) from within vim editor](https://www.cyberciti.biz/faq/vim-vi-text-editor-save-file-without-root-permission/)

Shell Scripting

* <http://tldp.org/HOWTO/Bash-Prog-Intro-HOWTO.html>
* <https://bash.cyberciti.biz/guide/Main_Page>
* <https://supportweb.cs.bham.ac.uk/docs/tutorials/docsystem/build/tutorials/unixscripting/unixscripting.html>

Cheat Sheets

* [Vi Cheat Sheet](https://www.splunk.com/content/dam/splunk-blogs/images/2012/08/VIM-cheatsheet1.png)
* [UNIX/Linux Command Reference](https://files.fosswire.com/2007/08/fwunixref.pdf)
* [Bash Redirection Cheat Sheet](https://github.com/pkrumins/bash-redirections-cheat-sheet/blob/master/bash-redirections-cheat-sheet.pdf)