

# Lecture #02

Campus	Lecture Date	Lecture Recording Availability Date
Boston	05/18/2019	N/A
Online	N/A	05/19/2019

## Agenda

- Introduction to Linux Command Line
- Editing with *vi*
- Introduction to Shell Scripting

## Slides

- [Introduction to Linux Command Line](https://northeastern-my.sharepoint.com/:b:/g/personal/tejasparikh_northeastern_edu/EXWRnTH20QVJvOiwdM-1pngBK7f4r9Y8PKhWd2h0ArJ1ew?e=BjQvta) [https://northeastern-my.sharepoint.com/:b:/g/personal/tejasparikh\_northeastern\_edu/EXWRnTH20QVJvOiwdM-1pngBK7f4r9Y8PKhWd2h0ArJ1ew?e=BjQvta]
- [Editing with vi](https://northeastern-my.sharepoint.com/:b:/g/personal/tejasparikh_northeastern_edu/Eay0Ryvaai5Mr2Jxy51HWLIBTGziQ0ibt4qAUCUqBlvW3Q?e=I3ERtn) [https://northeastern-my.sharepoint.com/:b:/g/personal/tejasparikh\_northeastern\_edu/Eay0Ryvaai5Mr2Jxy51HWLIBTGziQ0ibt4qAUCUqBlvW3Q?e=I3ERtn]
- [Introduction to Shell Scripting](https://northeastern-my.sharepoint.com/:b:/g/personal/tejasparikh_northeastern_edu/EdkFvdyWABhOsQ7QKPccOw4BURjNhed5GzoiWOKnVppGPw?e=C19va2) [https://northeastern-my.sharepoint.com/:b:/g/personal/tejasparikh\_northeastern\_edu/EdkFvdyWABhOsQ7QKPccOw4BURjNhed5GzoiWOKnVppGPw?e=C19va2]

# Reading

## vi editor

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

## Linux

- [The Linux Command Line](http://linuxcommand.org/tlcl.php) [http://linuxcommand.org/tlcl.php]
- [Linux Documentation](https://linux.die.net/) [https://linux.die.net/]
- [Linux Load Averages: Solving the Mystery](http://www.brendangregg.com/blog/2017-08-08/linux-load-averages.html)  
[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/)  
[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>  
[http://tldp.org/HOWTO/Bash-Prog-Intro-HOWTO.html]
- <https://developer.apple.com/library/content/documentation/OpenSource/Conceptual/ShellScripting/Introduction/Introduction.html>  
[https://developer.apple.com/library/content/documentation/OpenSource/Conceptual/ShellScripting/Introduction/Introduction.html]
- [https://bash.cyberciti.biz/guide/Main\\_Page](https://bash.cyberciti.biz/guide/Main_Page)  
[https://bash.cyberciti.biz/guide/Main\_Page]
- <https://supportweb.cs.bham.ac.uk/docs/tutorials/docsystem/build/tutorials/unixscripting/unixscripting.html>  
[https://supportweb.cs.bham.ac.uk/docs/tutorials/docsystem/build/tutorials/unixscripting/unixscripting.html]

# Cheatsheets

- [Vi Cheat Sheet](https://www.splunk.com/content/dam/splunk-blogs/images/2012/08/VIM-cheatsheet1.png) [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) [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) [https://github.com/pkrumins/bash-redirections-cheat-sheet/blob/master/bash-redirections-cheat-sheet.pdf]

