



Exam 1 Review

David and Sam



Attendance Link

<https://tinyurl.com/examreviewextra>



Exam Topics

- Terminal
- Vim
- Summer Opportunities
- Git



Exam Non-Topics

- Anything only discussed in extratation
- Lab bonuses
- Names of our dogs



Exam Format

- ~15 Multiple Choice (1pt each)
- ~10 Short Answer (2pts each)
- Closed book
 - But we will provide man pages for selected commands
- Most people tend to finish early
- It will be curved



How to Study

- Read through the relevant [topic pages](#) on the website
- Read through the [lecture slides](#) on the website
- Redo (or do!) the labs
- Get familiar with the format of man pages
 - We provide them on the exams!



Terminal Usage

<https://www.cs.cmu.edu/~07131/f19/topics/terminal-usage/files-commands/>

ssh	~	ls	mkdir	cat
scp	.	tree	rmdir	less
pwd	..	touch	mv	man
cd	/	rm	cp	vim



Vim (philosophy)

- Why is vim useful / interesting to you
- How do you use vim to be more productive
- What is the Vim language “delete 3 words”
- What are modes



Vim (practical editing)

- Be prepared to mentally evaluate sequences of Vim commands and their effect on a buffer (aka file)
- Understand searching and replacing
 - `:%s/foo/bar/gc`
- [This cheatsheet](#) is a good concise reference
 - There is more on this cheatsheet than we've learned!



WARNING!

- Vim commands will not be in the main pages
- You will need to know these



Summer Opportunities

- Wait, this is on the test????
 - There are questions on it, but we will provide all outside information.



Git

- Understand why git is useful
- You will be expected to provide sequences of git commands to perform common tasks



GitHub

- It's hard to ask fair questions about navigating a website, so we won't do that
- You should understand what a Pull Request is, the relationship between git and GitHub, and any command line git features we introduced alongside GitHub