LinkedIn Learning: Programming Foundations
Git Cheatsheet

Working with Directories

Command	Usage	Notes
`pwd`	print working directory; Displays the full file path of the current working directory	
`ls`	list; List the contents of a directory	
`clear`	Clears the command line screen	
`cd`	change directory; Move between directories `cd <directory>` Navigate to a specific directory `cd ..` Navigate to the parent directory	
`mkdir`	make directory; Create a new directory `mkdir <directory>`	

Git Commands

Command	Usage	Notes

`git config`	Used to set various configurations such as user name and email
	
	`git config --global user.name "Your Name"`
	`git config --global user.email "email address"`	

`git init`	Initialize Git to create a new repository	
`git clone`	Create a local working copy of a repository `git clone <repository URL>`	
`git add`	Adds one or more modified files to the staging area `git add -A` stages all changes `git add .` stages new files and modifications, without deletions `git add -u` stages modifications and deletions, without new files `git add <file>` stages a specific file	
`git commit`	Commits the files added with git add to the repository `git commit -m "Commit message"`	
`git status`	Lists the status of the modified files and commits	
`git push`	Uploads the local commits to the remote repository `git push origin <branch>`	
`git pull`	Downloads and merges content from a remote repository to the local repository `git pull origin <branch>`	

Many of these commands have addtional arguments and options. There are also corrensponding commands to the actions we completed with the Git GUI (branching and merging). Here are some additional resources:

https://www.atlassian.com/git/tutorials/setting-up-a-repository

https://www.atlassian.com/git/tutorials/syncing

https://git-scm.com/docs/git

https://git-scm.com/book/en/v2

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