Git Commands	
git --version	Shows the version of the git.
git clone	Download the repo.
git log	Will show a list of the recent commits with information about them, including commit IDs. To stop viewing press q
git config --global color.ui auto	To get colored diff output.
git diff	Running git diff followed by two commit IDs will compare the two versions of the code in those commits. Entering commit IDs If it is easier, you may enter the first four or more characters of the commit ID rather than pasting the entire ID.
git checkout	Switches to the specified commit.
Enable git colors and tab completion in Terminal	- Save this file in your home directory with the name git-completion.bash. - Save this file in your home directory with the name git-prompt.sh - Download bash_profile_course here. - If you already have a file in your home directory named .bash_profile, copy the content from bash_profile_course and paste it at the bottom of .bash_profile. Otherwise, move bash_profile_course to your home directory and rename it to .bash_profile. If you use Linux, you may need to name this file .bashrc instead of .bash_profile.
Start Sublime text editor from the terminal	Add the following in .bash_profile alias subl="/Applications/Sublime\Text.app/Contents/SharedSupport/bin/subl"
Making Git configurations	git config --global core.editor "subl -n -w" git config --global push.default upstream git config --global merge.conflictstyle diff3
git init	Initializing new repo.
git status	Check the status of repo.
git add -file	Add file to a staging area
git reset	If you accidentally add a file to the staging area, you can remove it using git reset.
How to write a commit message	http://udacity.github.io/git-styleguide/
git cheatsheet	https://github.com/github/training-kit/blob/master/downloads/github-git-cheat-sheet.pdf
git checkout master	If the branch HEAD is in detached state, run this command to set the head to MASTER.

git internals	https://git-scm.com/book/en/v2/Git-Internals-Git-Objects
git branch branch-name	Creates a new branch from current branch
git log --graph --oneline master coins.	Viewing the commit history between branches.
git merge branch2	Before running the command, checkout branch1. Then run the command to merge branch2 to branch1
git show commitId	Show changes introduced in a commit.
git branch -d branchName	Delete the label of the branch. If the branch is merged to master, the commits under the label are reachable by master branch.
git merge --abort	Restores the files to previous state if conflict occurs.
Resolve conflict	Restore the files to previous state. Create a new commit with your changes and then try merge again.
git log -n m	Show only m no of commits in log
Caching github passwords	https://help.github.com/articles/caching-your-github-password-in-git/
GITHUB	
git remote	Shows the remote repositories under branch
git remote add origin url	Links the remote repository
git remote -v	Output shows the url where to fetch from and push to
git push origin branch	Pushes staged changes to remote repository
git pull origin branch	Pulls remote repository changes into local checked out branch
Fork	Fork is just a clone that GitHub makes for you on their own machines.
README	
Sections	Title with a description || Table of Contents || Information (like dependency library, installation instructions, common usage , known bugs) || Contribution notes || FAQ's || License 1. What steps need to be taken? 2. What should the user already have installed or configured? 3. What might they have a hard time understanding right away?
License	https://choosealicense.com/
Markdown (.md)	Markdown is a light markup language often used for READMEs https://help.github.com/articles/getting-started-with-writing-and-formatting-on-github/
Markdown tools	https://dillinger.io/ , sublime text has a plugin, Atom

Professional Github checklist	https://docs.google.com/document/d/e/2PACX-1vSkShiwfp8DP79yO1wiGI2cyDqlzMugMdivXzMfr_6CVESvbLAVYeiZowV47VJMRQ_L4F4fdeQjo9qd/pub?embedded=true
Stage manually deleted files	git rm $(git ls-files --deleted)

Note: Information gathered in this document has been collected from various sources on Internet.