CS506 Notes for 9/13/21

Minimal progress loss

* Regular save points(commits) help you not lose everything if your laptop crashes

Code . will open up vs code if you’re on terminal and in the directory

Local command

* Git log
  + See all the commits that have been created by you on your computer
* Git diff
  + see changes from before and after what you want to commit
* Git status to see changes for github

Always have a commit message git commit -m “I am adding blah blah”

-f is a force flag (will overwrite things) (use sparingly)

Collaborating

* We have the CS506 repo
* Fork the repo and create your own locally
* Update your local repo with notes, code, etc.
* Make a pull request so the CS506 repo can be updated with your change

BUT! The original repo has been regularly updated since you only made a copy once

How do we keep our local one updated?

$ git fetch

Downloads all history from the remote tracking branches

$ git merge

Combines remote tracking branches into current local branch

$ git push

Uploads all local branch commits to GitHub

$ git pull

Updates your current local working branch with all new commits from the corresponding remote branch on GitHub. git pull is a combination of git fetch and git merge

(main repo) (local/my repo)

upstream --🡪 origin