First discussion: Branches in Git

* Git is valuable because we can safely store versions of a project so we have a complete history of changes, we know who made what changes, and we can safely store project files off of our local device
* Can just push back to the main branch of the repo
  + Stage, commit, pull, push
  + Fine if you’re just working by yourself and it’s simple
  + But sometimes you wouldn’t want to update the main branch all the time (e.g. collaborating with other people and you’re just trying something out, working on something that’s failing, if you’re pushing to a repo and the main branch of the repo is what deploys to a public facing website/app/what have you—not good for testing stuff out)
* Branch so you can safely store stuff but don’t have to change the mothership
* Can push to branch, but don’t merge to main repo until you submit a pull request and then you can merge it into the main branch