* **Git part Deux**
* **Remote Repositories**
* Is a copy of a project saved to the cloud
* It is where we backup our work and share it with others
* It is accessible anywhere there is internet
* Accessible with any internet connection
* Git remote add for connecting to server
* Git push -u origin master to push changes to server
* After first push use git push
* Tells git to upload to server
* Doesn’t need to be done after every commit, will upload all commits since last push
* Git push tells git to upload all changes to the server
* **Working with branches**
* Represent different versions of our code
* Allow us to work on code fixes without breaking what works
* Fixes and features should always start on a branch
* Master branch is “trunk” of code tree and should contain clean code ready for deployment.
* Git branch (name) tells git to make new copy of code with given name
* Git branch on its own will list branches available and display an asterisk next to the one you are working on
* Git checkout (branch) tells git to switch working folder to branch name specified
* Merge command combines branches
* Merge conflicts
* When a file as changed in mutiple branches you try to combine, git cant automatically determine what to keep
* Git is asking for help because its confused

The things we learned about today will be very helpful with collaborating on projects in the future. Being able to edit code on a server without worrying about damaging the code, and then having someone else do the same will simplify the work. Beforehand i just uploaded and downloaded from onedrive constantly. I currently put my understanding of Git at a 3, because i understand it, but i still think there is more to be learned, and i haven't memorized all of the commands yet.