Gittin gud Notes p2

11/27/17

**Setup a Remote Repository**

* **A remote repository is a copy of our project that is stored “in the cloud”**
* **It is where we backup our work and share it with others**
* **It is accessible anywhere there is an internet connection**

Learn How to push our local files to the remote server

* Tell git about the remote repository
* Push your changes to the remote server(as needed)
* Git push -u origin master to push onto the server
* After the first push it can simply be: git push
* Git push tells git to upload all your changes to the serve
* It does not need to

Branches in git

* Branches are exactly what the sound like, smaller bits extending from a tree trunk
* Branches allow us to work on code fixes and features without breaking what we already have working
* Master branch is the trunk of our tree, and it should only contain clean code that is ready to be deployed (use on a web server)
* Command: Git branch <name>
* Command: Git checkout <branch> tells git to switch to a new branch
* Git tracks the file independently on each branch
* We use merge to combine branches
* Git merge <branch> merges the branch specified
* Merge conflict: When a file has been changed and git isn't sure which you want to keep; Git is basically asking for help

1. Git can be used to help facilitate collaboration by allowing everyone to work independently, and then merge a team’s files. Or, one team member could work on different parts of one page, and then merge their branches together in order to make a complete webpage.

2.For remote repos, I’d say I am a 3, a 3 on branches and a 2 on Merging.

3.No Questions.

4.Sleeping in.