

Beginner's Guide to Git

Downloading and cloning the repository

1. Make Github account
2. Install [Github Desktop](#) and clone the repository

Git install information: <https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>

Uploading Files on Github.com

Generally only do this if you're adding completely new files, not if you want to push edits to pre-existing files.

1. click add files -> upload files
2. choose the file you want to upload
3. under commit changes: Create a new branch for this commit and start a pull request
4. branch name should reflect what work you are uploading
5. create pull request: title should be same as task name in Trello, tag annagrace-hc as a reviewer

Uploading Files Using Git

After the repository is cloned, you should be able to see it in your file system. Before working: do `git pull` to make sure your local repo is up to date with the global one

1. navigate to the file in the repository you want to do work in using `cd filename`, if you start typing the filename and hit Tab, git will finish the name for you, use `ls` to check what files and folders are in the directory you're in
2. before starting work on a new file, make a branch to do your work on by saying `git checkout -b new-branch-name`
3. work on your file and when you're done do `git status` - your modified file(s) should be listed in red
4. say `git add yourNewFileName`, you can use Tab to complete and you can add multiple files at once

5. **say** `git commit -m SHORT_MESSAGE_ABOUT_WHAT_YOU_ARE_COMMITTING` and hit enter
6. you can check `git status` again and whatever you added should be in green
7. `git push` to push your commit to the global repo
8. make a pull request on Github.com

Command Cheat Sheets + Tips

[Git Commands](#)

[Git Commands w Examples](#)