Git/Github Workshop Outline:

By Kieran Kelleher

* What is Git?

Git is a software version control system that people can use to work on projects together. It's kind of like Google Drive for coding. It allows developers to make changes and work on a single project all from different places at different times without getting in each other’s way.

* What is it used for?

Git is necessary to upload all your code, get it, and make changes all from the website GitHub which is where all your code is displayed either privately or publicly.

* Necessary programs to use it

GitHub Account: <https://github.com/>

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

* How to use it with GitHub

There are some basic commands that you need to know. In short, you need to clone/create the repo on/from github, make your edits, add it, commit with a message, and then push it.

* How to use each command and what they mean

1. Create Repo on GitHub (with readme and gitignore)
2. git clone [url] - clones/adds repo to ur computer
3. git add [filename.[ending]] makes known that you made edits/made a new file and you are adding it to the repo
4. git commit –m “message here” - committing a change to the repo and should leave a short message telling what you did
5. git push – final step where it pushes and finalizes the changes which will appear on GitHub