1. What is git? Why is it useful? What is the git workflow?

   "Git is a distributed version control system that tracks changes in any set of computer files."[1] This basically means it assists and simplifies editing files, specifically for multiple people working on one project. It allows for comments to be made, changes to be seen, and most importantly helps with data integrity, then shares all of that information with whoever is working on the project. This is why it's so useful for software development specifically. "A Git workflow is a recipe or recommendation for how to use Git to accomplish work in a consistent and productive manner."[2] This basically means there are multiple accepted workflows you can use when working with Git but it's important to communicate with your team and decide the best workflow to use. As of this week, we learned the more "Centralized Workflow" technique with having just a main repository that all of our information is stored in.

   1. https://en.wikipedia.org/wiki/Git
   2. https://www.atlassian.com/git/tutorials/comparing-workflows#:~:text=A%20Git%20workflow%20is%20a,in%20how%20users%20manage%20changes.

3. What is your favorite thing you learned this week?

   My favorite thing I learned this week was using Github. While I was slightly familiar with how to use Git and Github, this week solidified my understanding and helped make the process much easier for me. I'm most excited about using these programs because I will use them to help with my homework between my laptop and main desktop.