

1. What is git? Why is it useful? What is the git workflow?
 - a. Git is a version control software. It is useful because it allows for multiple people to work on the same project. It also has tool to work with conflicts when merging work from different people. This allows people to work on the same file simultaneously. Using branching you can also subdivide new versions/features so that new content can be developed without corrupting the old working code.
 - b. The Git workflow is:
 - i. Create/clone repository
 - ii. Select Branch (If there are multiple branches)
 - iii. Pull remote changes
 - iv. Make edits
 - v. Commit Changes
 - vi. Push the changes
 - c. Source: <https://www.atlassian.com/git/tutorials/what-is-git>
2. What are the 8 primitive data types in Java? What makes them each unique? What values can they hold?
 - a. The 8 primitive data types are Byte, Short, Int, Long, Float, Double, Boolean, Char. They are unique in what data they can store and how much memory it takes to store the data. Byte, Short, Int, and Long all can store positive and negative whole numbers, in order increasing the max size that can be stored as well as how much memory is used to store the number. Float and Double can store decimal numbers with double taking twice as much space as a Float. Boolean can store True/False. Char can hold a single letter.
 - b. Source: https://www.w3schools.com/java/java_data_types.asp