

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

Git is a system used to track changes made to a project. This can be useful when trying to troubleshoot faulty code, or to see how various changes affect other parts of a project.

The basic workflow is to check out a project, make changes, stage the files that have been changed, then commit them to the project.

<https://git-scm.com/book/en/v2/Getting-Started-What-is-Git%3F>

2. What are the 8 primitive data types in Java? What makes them each unique? What values can they hold?

byte, short, int, long, float, double, boolean, char

Each stores data in a different value range

byte, short, int, long – store whole numbers in various ranges

float, double - store fractional numbers

Boolean – stores true or false

Char – stores a single character

[https://www.w3schools.com/java/java\\_data\\_types.asp](https://www.w3schools.com/java/java_data_types.asp)

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

Learning how to use git to create and sync repositories with github will be invaluable for version control, and for syncing projects between various workstations.