

Dylan Perkins

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Week 1: Research

1. What is git? Why is it useful? What is the git workflow?
 - a. Git is a useful tool used to store, view, and manage code on the fly. A Git workflow is a recipe or recommendation for how to use Git to accomplish work in a consistent and productive manner. Git workflows encourage developers and DevOps teams to leverage Git effectively and consistently.
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 as follows; int, double, float, long, short, byte, char, and Boolean. They are all unique as they all have their own purpose and utility within the programming environment. The data types; int, double, float, long, short, and byte, are all data types that store a numerical value, although each data type has their own limits as to what they are allowed to hold in terms of numerical value size, and if the value is allowed to have decimals or not. The char data type is only allowed to store a single character, such as 'A'. And the final data type, Boolean, can only store the values true or false.
3. What is your favorite thing you learned this week?
 - a. My favorite thing that I learned this week was my sheer ability to be able to start coding in Java! I was nervous in the beginning, and even got frustrated due to some errors I was encountering, but I stayed focused and determined and I got them ironed out and had a really smooth and fun time learning and coding Java for the first time!