

Week 1: Research

Git:

Git is a repository that can be used to backup data. Also, can be used for team collaboration developing code in branches without affecting the main working branch.

Git workflow uses local repository along with an index to flag changes in code. This allows for minor debug changes to be made and then committed, if necessary, rollback a single commit that introduced bad code.

Git main repository can be copied off into a branch that can be refactored and updated without impacting the main branch. When pushed to repository can compare differences between the main and branch to see the difference applied in a commit before merging back into main.

Primitive:

1. byte
 - a. Used for a single line declaration.
2. int
 - a. Integer
 - b. Used for mid range digits
 - c. Only a whole number no decimal
 - d. Is truncated, doesn't round
3. char
 - a. Character
 - b. Represents numerical value for the ascii keyboard
4. String
 - a. Any length of text captured in double quotes
5. double
 - a. Outputs both sides of the decimal
6. short
 - a. for longer number than a byte
7. long
 - a. Allows longest length of number
8. Boolean
 - a. Used for true false outputs

Favorite thing:

A better understand of the different primitive functions and how they are used.