**Week 1 Day 2**

Git Branching and Merging

SCRUM- Daily meeting to discuss a projects status.

1. What have you worked on?
2. How are things going?
3. What roadblocks do you have?

Commands for Git

1. git branch – shows branches \*current branch is green with an asterisk\*
2. git branch “yourBranch” – creates a branch, in this case yourBranch
3. git checkout “branch name” – changes the current branch
4. git merge “branch name” – merges one branch into another (make sure you are in the branch you want to merge TO)
5. git checkout -b “new branch” creates a new branch and moves you in to it (git checkout)
6. git log – shows all changes

Fork

1. on github, go to the repository you wish to fork and click the fork button
2. on the cloned repository, from your github, click the code button and select SSH
3. copy the link for your branch
4. from the command line, ensure you are in your root repos folder
5. git clone “url you copied”
6. you can use git branch -a to see all branches, local and online

Git Conflict Resolution

* if a branch you are trying to merge contains different code from the original (other than additional lines) you will receive an error
* open your VS Code using code .
* verify which version of the code is correct and save your work
* you must do a git add, git commit -m “your message here”, and a git push