Git- removes the need to copy and paste files into the class share and H drive. Git is like using your camera to take a snapshot of your files (checkpoint)

It exists modify , change, break, and improve your code, secure in the knowledge that you can not ruin your work too badly.

It allows different people to work on the same project. It protects you and others.

Files exist in three states:

Modified: files that are new or have changes not yet saved

Staged: the current version of a file, tagged to be included in the next commit

Committed:

It does not move or remove files from your old directory

A remote repository is a copy of our project that is stored “in the cloud”

It is where we backup our work and share it

You don’t have to push after every commit

Branches represent different versions of our code, the master branch is the “trunk” and it should only contain clean code ready to be used on the web.

* Git branch <name> tells git to maintain a new copy of our code with the given name
* Git branch on its own will list the branches available and display an asterisk next to the one we are currently working on.
* Git checkout <branch> tells git to switch out working folder to the branch name specified

When a file has changed in both of the branches you are trying to combine and git can’t automatically determine what you want to keep

1. This can for sure make collaboration a lot easier by making it possible to work on two different things at the same time and then being able to merge that into the “final” functioning code.
2. 2- I’m kind of lost but I do understand what it does.