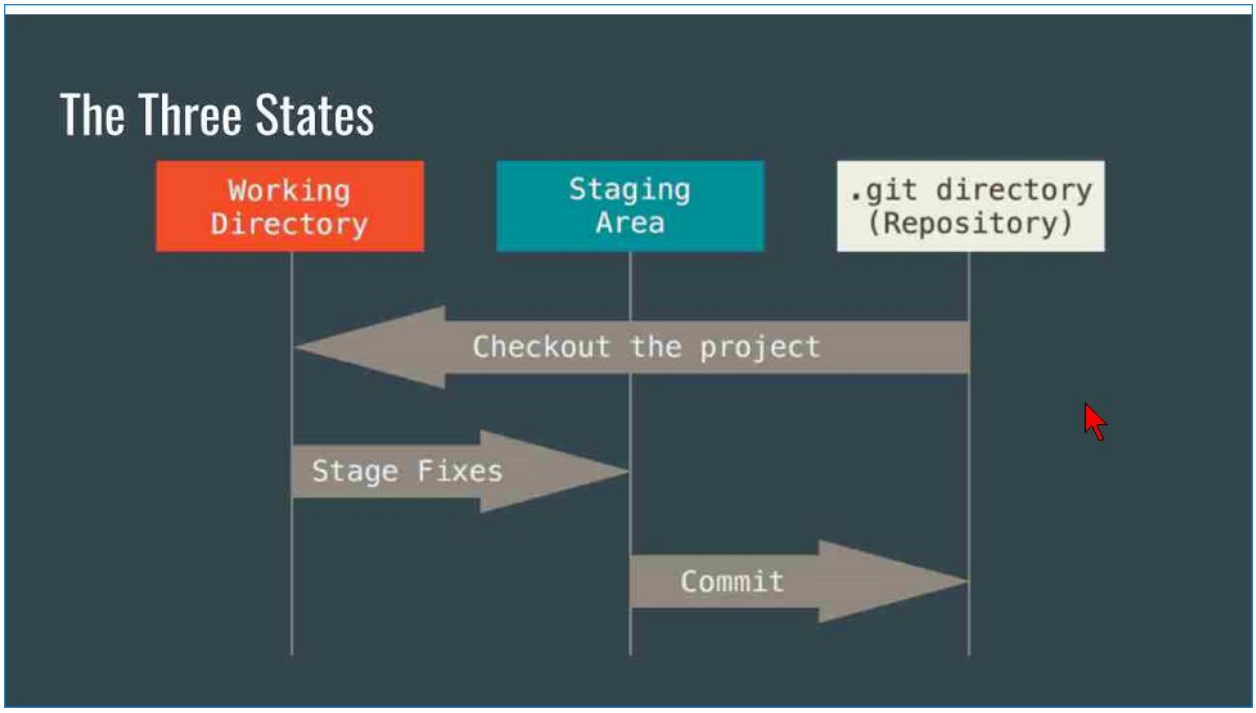
GIT

Git removes the need to copy files to and from the class share and your H drive

Git is like using your camera to take a snapshot of your files
Checkpoint for your files
You must create your save point
Git protects each others from each others

The Local Workflow

This will have a repo version of your
Git tracks your working directory
Modified files that are new or have changes
Staged the current version of a file tagged to be in the next commit
Committed the save files that goes to get



Remote repository is stored on the cloud
Git push tells git to upload all your changes to the server
You don't have to push every commit

Working with Branches

Branches represent different versions of our code

Branches allow us to work on code without breaking it
Fixes and new features should always start on a branch
The master branch is the trunk of a tree it should only contain clean code ready for deployment
Git branch <name> tells git to maintain a new copy of our code
Git branch will list all of the branches and will have a * next to the one you are currently on
Git checkout <branch> tells git to switch our working folder
Merge <branch>
A merge conflict is when a file has changes in both of the branches you are trying to combine

We learned about sharing files with our partners. We also learned about git. There's 3 stages to a git file. Modify which means its unsaved. Staged the file that will be committed. Commited means that it is saved. This is what we learned. I am at a 4 of understanding.

Today we learned about branches these are amazing for teamwork. You and your partner can be working on the same master code but on separate branches. We can then merge them to the master and all of the work we did is now on the same project. This will allow us to progress on our code from any computer. The more safer and nicer way to collab on the same files.
I am at a 4 understanding of this topic.