***Remote Repositories***

~ copy of project stored in the cloud

~ backup work here

~ allows collaboration online

**Branches allow us to work on code fixes without breaking the code**

**The master branch is the trunk of your code tree and should only contain clean code**

~ git branch <name> tells git to maintain a new copy of our code with the given name

~ git checkout <branch> tells git to switch our working folder to the branch name specified

~ git tracks files in the branches independently

~ we can use merge command to combine branches

~ a merge conflict is when a file has changed in both of the branches you are trying to combine

By learning about GitHub and how to use remote repositories it has greatly increased our ability to collaborate on group projects. We are able to work at our own computer, make changes to code and then upload them to our team members so they can check it out and expand on it. You and your team can use GitHub to collaborate on team projects very easily.

My understanding on Remote repos is a 3

Branches is a 4

Merging is a 4

No questions.

The best part of my Thanksgiving break was I was able to relax all day and not have to worry about school.