Outcomes:

Set up remote depository

Learn how to push our local files to the remote server

Understand branches and how to use them

Understand how to merge different branches

Learn what a merge conflict is and how to resolve it

**Remote Repositories**

* Copy of our project that is stored in the cloud.
  + Where we backup our work and share it with others.
    - It is accessible anywhere there is an internet connection.

git remote add origin https://github.com/Buster313/flexbox-assignment.git

git push -u origin master

Git push

**Git push**

* Git push tells git to upload all your changes to the server (does not need to be done after every change).

**Working with branches**

* Branches are smaller bits expanding from a tree trunk, they represent different versions of our code.
  + Branches allow us to work on our code fixes and features without breaking what we already have.
    - Fixes and new features should always start on a branch.
* The master branch is the trunk of our tree.
  + It should only contain clean code ready for deployment.

**Merge**

* Merge conflict is when a file has changed in both of the branches you are trying to combine and git cannot automatically determine what you want to keep.

**Questions**

1. I think that the topics in today's lesson can facilitate collaboration by making two people work together simultaneously on the same project without overriding the other person's work that they are doing at the same time. You can combine two people’s work using the merge command in the command prompt which will allow the other person’s work so far to be combined into yours without complication. It can also help for two people to learn how to be working on a project at the same time and work effectively as a whole team.
2. On a scale of 1-4 i am a 4.
3. There are no questions that I have currently.
4. The best part of my thanksgiving break was when we ate thanksgiving dinner.

Other Notes:

Git

Node.js

Ruby

Sass/SCSS

H:

Dir (List of items in the H drive)

Dir /ad

Dir /w

Dir /p

Cd (change directory) (space)

Cd .. (change directory back to the H: drive)

Cd \ (goes back to the root directory)

Dir/?

Md (Make directory)(makes a directory(folder))

Rd (removes a directory(folder))

Del (file name) (deletes the folder/file)

Start (file name) (opens and starts a file)

Git add . (adds all)

Git add “”

git remote add origin https://github.com/Buster313/flexbox-assignment.git

git push -u origin “master” (or what we want to make)

Git push

Git commit -m “initial commit (what we want to name it)”

Git branch (name) (tells git to maintain a new copy of our code with the given name).

Git branch (will list the branches available on its own.

Git checkout (branch) (Tells git to switch our working folder)

Git Merge (branch name) command to combine branches