Git

Remote repository

- Copy of our project that is stored “in the cloud”
- It’s where we backup our work and share it with others
- Accessible anywhere when there is internet connection

- git push -u origin master
- git push

- git push tells it to upload all changes to the server
- does not need to be done after every commit
- will upload all commits since the last push

Branches

- Represents different parts of code
- Allows to work on code fixes and features without breaking what is already there
- Fixes and new features should always start on a branch

Master Branch

- The “trunk” of the code tree
- Should only contain clean code ready to use on the web

Git Branch

- git branch <name> tells git to have new copy of our code with given name
- Will list the branches available and display an asterisk next to the one that we are currently working on
- git checkout <branch> tells git to switch working folder to specific branch name
- git merge <branch> combines file changes in branch to current working branch

Merge conflict

- Is when a file changed in both branches you are trying to combine and git can't determine what you want to keep
- Git is basically asking for help since it is confused
- Remove tagging and keep code that is needed - save add commit

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The topic of today's lesson can help with working on separate files on one branch with another. If we were to work with someone on the same branch we can also be able to easily access their files as well as they can easily access ours. My rate of understanding is a 3. There is a good possibility of me not remembering how to use them but I can understand why we use them. I don't have any questions so I'm all good.