**Remote Repository**

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

It is accessible anywhere where this is internet

Git push tells git to upload all changes to the server. It does not need to be done after each commit

Branches represent different versions of our code

Branches allow us to work on new things without breaking anything.

Fixes and new features should start here

Git branch <name> tells git to maintain a new copy of the code with a specific name

Git checkout <branch> tells git to switch our working folder to

Git tracks files in the branches independently

We use the **merge** comand to combine branches

Merge conflict is when a file has changed in both of the branches you

**Line 84**

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Do we have to push things to make them part of the branch?