**Cloning and Branching**

How do we start collaborating

Clone the repo

**Cloning a Repository**

git clone <https://github.com/codeschool/git-real.git>

git clone repoURL

This will clone the repo and make a local version of it.

git clone repoURL newName

This does the same as the above but changes the name.

**Git Clone**

git clone does two things

Downloads the entire repository into a new directory

Adds the origin remote, pointing it to the clone URL.

git remove -v

looks at all remotes

**Branching Out**

Need to work on a feature that will take some time?

Time to branch out.

git branch branchName

branch created from the master

git branch

like pwd, shows what branch you’re on

git checkout branchName

This is switching timelines, switching branches

**Time to Merge**

Done with that feature branch? Time to merge it into the master

Switch to the master

git checkout master

Then merge them

git merge branchName

You’ll see Fast-Forward

**Branch Clean Up**

git branch -d branchName

This will delete the branch

**Non-Fast-Forward**

git checkout -b admin

this creates an admin branch and checksout to it

**Vi**

When you merge, Vi may pop up with a message, hit esc, then type :wq

Then hit enter