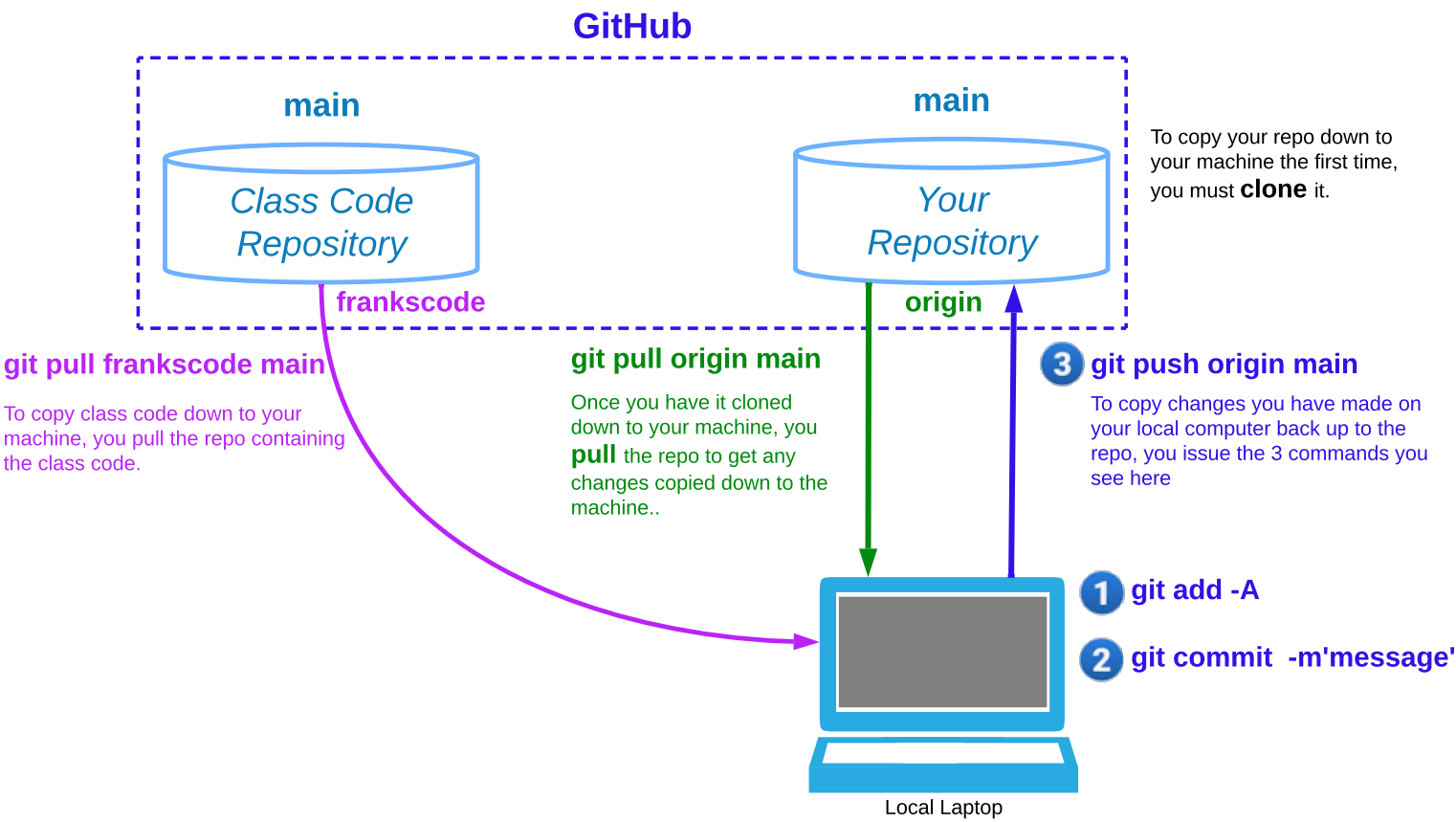


# Repositories and Git



## Common Git Commands

**Note: You must be in the directory on your machine that contains the cloned repo to issue these commands.**

**git status** - display the status of the local repo compared to the remote repo on GitHub or Bitbucket

**git add -A** - Stages any files on local repo to be added to the remote repo  
-A tells git to search from the current thru all it's sub-folders for changes

**git add .** - Stages any files on local repo to be added to the remote repo  
. tells git to search just the current folder only for changes

**git add filename** - Stages only the file given on local repo to be added to the remote repo

**git commit -m'commit message'** - Tells git I am done adding files to be uploaded to remote repo  
-m'message' is stored in the repo; should describe the changes made

Alternate formats:  
-m 'message'  
-m"message"  
-m "message"

**git push origin main** - Copy the committed files to the repo  
**git push** - tells git to copy local files to remote repo  
**origin** - name/nickname assigned to remote for your git session  
**main** - branch that should receive the new files

**git add filename** - Stages only the file given on local repo to be added to the remote repo

**git remote -v** - Show which remote repos are connected to the local folder and their "nicknames".  
The "nickname" is used in any **git push** or **git pull** commands.

## How to clone a repo

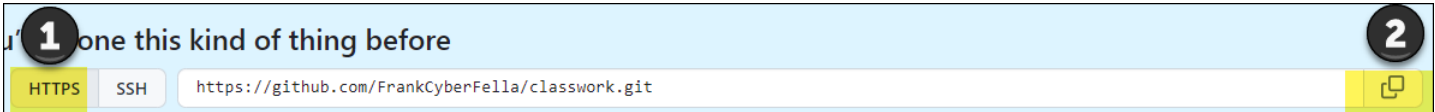
**Note: You must be in the directory on your machine you want to contain the cloned repo to issue this command. The command will create a subdirectory for the clones repo.**

**git clone** url-for-repo-to-be-cloned

You can get the [url-for-repo-to-be-cloned](#) from GitHub:

1. Login to your GibHub account.
2. Flnd the name of the repo you wish to clone.
3. Double-click the name of the repo you wish to clone.
4. Copy the repo URL:

If repo is empty or you just created it:



If the repo is not empty:

