

Git Homework:

- Make 7 Commits in a branch that is named after you
 - At least 2 should add a new file
 - At least 1 should remove a file
 - At least 1 should include a tag
 - At least 3 should alter existing files

Setup Instructions:

1. First and foremost ensure that Git is installed on your computer. This should be the case as Steve had you all do this in order to set up Acquia Dev Desktop. If not, instructions on installing Git can be found here:
 - a. <https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>
2. Once Git is installed, use your terminal/command line to clone down the training repository by using this command:
 - a. “git clone [git@github.com:kojo-opin/Training.git](https://github.com:kojo-opin/Training.git)” to bring down the training files to your computer
3. Inside the “Documents” folder in the directory there will be a document called “Git training plan.pdf” which contains information on all git commands needed for the homework.
4. You will need to be able to navigate in your terminal to the git directory. Learn these commands with this file:
 - a. <http://www.digitalcitizen.life/command-prompt-how-use-basic-commands>

Homework Instructions:

1. First create and move to your own branch before making any changes to the repo. Do this in **one of the following two** ways:
 - a. Create branch with “git branch BRANCHNAME” where “BRANCHNAME” is what you want to name the branch. Then use “git checkout BRANCHNAME” to enter your branch.
 - b. Create and checkout to your branch in one simple command: “git checkout -b BRANCHNAME” where the -b tells git to create a branch while checking out to it.
2. To make commits you will need to add/edit/remove files in your directory. Do this in any way you see fit.
3. Once changes have been made you can use “git status” to see what files have changed in git.
4. Use “git add FILEPATH” or “git rm FILEPATH” where FILEPATH is the file you want to add or remove respectively. You can copy the file path from the files that are displayed when you do “git status”
5. Once you have added or removed all necessary files use ‘git commit -m “MESSAGE”’ to commit the changes where “MESSAGE” is a message you write about what you are committing.
6. In order to add a tag to a commit use the ‘git tag my_tag_name -m “MESSAGE”’ to create a tag. These tags can be used to identify your commits later.

7. Once all your commits have been made you can push your branch using the “git push origin BRANCHNAME” command where “BRANCHNAME” is the name of your branch. You can push tags by using the command “git push origin --tags”
8. In order to merge your branch with the dev branch, checkout to dev using the “git checkout dev” command, followed by the “git merge BRANCHNAME” command where BRANCHNAME is the name of the branch you want to merge.

These instructions should help you complete the training homework that was given to you. If you have further questions on the commands or Git information, the “Git training plan.pdf” contains a wealth of information for using Git and is what we use for training internally.

If you run into any issues you cannot solve please reach out on basecamp and we will be happy to help in any way we can.