**Git – Try Git Challenge Solutions**

Note that these aren’t exactly challenges, but are closer to questions.

1. How would you initialize a Git repository named “my-Git-Repo”?

**Answer: git init**

1. How would you check the status of your Git repository?

**Answer: git status**

1. How would you add the file “first-file.txt” to the staging area?

**Answer: git add first-file.txt**

1. How would you commit changes with the message “My first commit”?

**Answer: git commit –m “My first commit”**

1. How would you add all the .txt files in your repository to the staging area?

**Answer: git add ‘\*.txt’**

1. How would you view the history of commits that have been made?

**Answer: git log**

1. How would you add a remote named “new-Remote” to the Git repository at <https://github.com/user/repo.git>?

**Answer: git add remote new-Remote https://github.com/user/repo.git**

1. How would you push from your local branch “develop” to your remote branch “master”?

**Answer: git push –u develop master**

1. How would you pull to your local branch “testing” from your remote branch “test-site”?

**Answer: git pull testing test-site**

1. How would you see the differences since the most recent commit?

**Answer: git diff HEAD**

1. How would you add the file “dog.txt” in the “animals” subdirectory?

**Answer: git add animals/dog.txt**

1. How would you see the differences in files only in the staged area?

**Answer: git diff --staged**

1. How would you unstage the file “duck.txt” in the “animals” subdirectory?

**Answer: git reset animals/duck.txt**

1. How would you get rid of all changes since the last commit for the “horse.txt” file?

**Answer: git checkout horse.txt**

1. How would you create a branch called “new-branch”?

**Answer: git branch new-branch**

1. How would you switch to the “new-branch” branch?

**Answer: git checkout new-branch**

1. How would you remove all the .txt files from a Git repository?

**Answer: git rm ‘\*.txt’**

1. How would you merge the “new-branch” branch into the “master” branch, assuming you are checkout to the “master” branch?

**Answer: git merge new-branch**

1. How would you delete the “new-branch” branch?

**Answer: git branch –d new-branch**

1. How would you push everything in your repository?

**Answer: git push**