## Git – Try Git Challenge Solutions

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

01. How would you initialize a Git repository named "my-Git-Repo"?
    **Answer:**        **git init**

02. How would you check the status of your Git repository?
    **Answer:**        **git status**

03. How would you add the file "first-file.txt" to the staging area?
    **Answer:**        **git add first-file.txt**

04. How would you commit changes with the message "My first commit"?
    **Answer:**        **git commit –m "My first commit"**

05. How would you add all the .txt files in your repository to the staging area?
    **Answer:**        **git add '*.txt'**

06. How would you view the history of commits that have been made?
    **Answer:**        **git log**

07. 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**

08. How would you push from your local branch "develop" to your remote branch "master"?
    **Answer:**        **git push –u develop master**

09. How would you pull to your local branch "testing" from your remote branch "test-site"?
    **Answer:**        **git pull testing test-site**

10. How would you see the differences since the most recent commit?
    **Answer:**        **git diff HEAD**

11. How would you add the file "dog.txt" in the "animals" subdirectory?
    **Answer:**        **git add animals/dog.txt**

12. How would you see the differences in files only in the staged area?
    **Answer:**        **git diff --staged**

13. How would you unstage the file "duck.txt" in the "animals" subdirectory?
    **Answer:**        **git reset animals/duck.txt**

14. How would you get rid of all changes since the last commit for the "horse.txt" file?
    **Answer:**        **git checkout horse.txt**

15. How would you create a branch called "new-branch"?
    **Answer:**      **git branch new-branch**

16. How would you switch to the "new-branch" branch?
    **Answer:**      **git checkout new-branch**

17. How would you remove all the .txt files from a Git repository?
    **Answer:**      **git rm '*.txt'**

18. 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**

19. How would you delete the "new-branch" branch?
    **Answer:**      **git branch –d new-branch**

20. How would you push everything in your repository?
    **Answer:**      **git push**