**Part 3:**

Github is a web based Git repository hosting service created in 2008. The site was launched by Tom Preston-Werner, Chris Wanstrath, and PJ Hyett to provide a web platform for hosting code, version control and developer collaboration, and it is based on the Git software developed by Linus Torvalds in 2005. Bitbucket and Gitorious are two other similar platforms, but Github is currently the most popular. Github is a place for developers to host their code and track all of their changes, providing comprehensive version control. It enables collaboration between multiple developers, provides a social platform for discovering the work of open source developers, and makes it easy to contribute.

**Part 4:**

rm 'blue\_octocat.txt'  
rm 'octocat.txt'  
rm 'red\_octocat.txt'

You need to specify something to remove.

$ git rm '\*.txt'

rm 'blue\_octocat.txt'  
rm 'octocat.txt'  
rm 'octofamily/baby\_octocat.txt'  
rm 'octofamily/momma\_octocat.txt'  
rm 'red\_octocat.txt'

Success!

$ git status

# On branch clean\_up  
# Changes to be committed:  
# (use "git reset HEAD <file>..." to unstage)  
#  
# deleted: blue\_octocat.txt  
# deleted: octocat.txt  
# deleted: octofamily/baby\_octocat.txt  
# deleted: octofamily/momma\_octocat.txt  
# deleted: red\_octocat.txt  
#  
# Untracked files:  
# (use "git add <file>..." to include in what will be committed)  
#  
# octofamily/

Did not use git commit

$ git commit -m "Remove all the cats"

[clean\_up 63540fe] Remove all the cats  
5 files changed, 5 deletions(-)  
delete mode 100644 blue\_octocat.txt  
delete mode 100644 octocat.txt  
delete mode 100644 octofamily/baby\_octocat.txt  
delete mode 100644 octofamily/momma\_octocat.txt  
delete mode 100644 red\_octocat.txt

Success!

$ git checkout master

Switched to branch 'master'

Success!

$ git merge clean\_up

Updating 3852b4d..ec6888b  
Fast-forward  
blue\_octocat.txt | 1 -  
octocat.txt | 1 -  
octofamily/baby\_octocat.txt | 1 -  
octofamily/momma\_octocat.txt | 1 -  
red\_octocat.txt | 1 -  
5 files changed, 5 deletions(-)  
delete mode 100644 blue\_octocat.txt  
delete mode 100644 octocat.txt  
delete mode 100644 octofamily/baby\_octocat.txt  
delete mode 100644 octofamily/momma\_octocat.txt  
delete mode 100644 red\_octocat.txt

Success!

$ git branch -d clean\_up

Deleted branch clean\_up (was ec6888b).

Success!

$ git push

To https://github.com/try-git/try\_git.git  
3e70b0f..93bd093 master -> master

Success!

>

**> Part 5:**

Define the following terms in the context of Git (2 lines maximum):

* Repository – a directory where Git has been initialized
* Commit – record changes to the local repository, creates a hash id for every change
* Push – send committed changes to a remote repository
* Branch – create a parallel version of a repository. It is contained within the repo but doesn’t affect the primary/master branch, can easily merge later
* Fork – personal copy of another user’s repository, allow changes without affecting the original, need to submit pull request to have changes added back to original
* Merge – copy changes into original (master
* Clone – copy of a repository on one’s computer, connected to remote version so you can sync
* Pull – taking in changes and merging
* Pull request - proposed changes submitted by user and either accepted or rejected by a repository’s collaborators