Part 3

Github is the graphical user interface for Git. Git is a distributed repository hosting service that is used primarily for source code, but code be used for other types of files. Git was created in 2005 by Linus Torvalds. He created it as a free distributed source repository to replace the BitKeeper source repository, which was no longer free. Similar platforms that exist are SourceForge or Google code.

You would use Github to store your source code, get fix suggestions, track your project and interact with other developers.

Part 4

Press enter to submit commands

> git init

$ git status

$ git status

$ git add octocat.txt

$ git status

$ git commit -m "Add cute octocat story"

$ git add "\*.txt"

$ git commit -m "Add all the octocat txt files"

$ git log

$ git remote add origin https://github.com/try-git/try\_git.git

$ git push -u origin master

$ git pull origin master

$ git diff HEAD

$ git add octofamily/octodog.txt

$ git diff --staged

$ git reset octofamily/octodog.txt

$ git checkout -- octocat.txt

$ git branch clean\_up

$ git checkout clean\_up

$ git rm '\*.txt'

$ git commit -m "Remove all the cats"

$ git checkout master

$ git merge clean\_up

$ git branch -d clean\_up

$ git push

>

Part 5

Repository – A repository holds all of the projects files, including all of the versions of those files.

Commit – A commit is a revision to a file or files.

Push – A push is the action of sending your committed changes to a remote repository.

Branch – A branch is a version of your project of note, such as a release that can be merged back to the master branch version at a later date.

Fork – A fork is your copy of another person’s project that exists in your account.

Merge – A merge is the process of taking the changes from one branch and applying them to anther branch.

Clone – A clone is your local copy of a project that resides on your computer.

Pull – A pull is the action of fetching in changes and merging them to your repository.

Pull Request – Pull requests are suggested changes to a repository by one users that can be either accepted or rejected by other users.

Part 7

I submitted the following commands to retrieve,update and push the README.md file:

git clone https://github.com/paceuniversity/courses

I think manually updated the README file with the required information

git add README.md

git status

git commit -m "first commit"

git push origin master

However the push command was unsuccessful. There seemed to be a permission issue:

git clone https://github.com/paceuniversity/courses

git fetch https://github.com/paceuniversity/courses

I think manually updated the README file with the required information

git add README.md

git status

git commit -m "first commit"

git push origin master