Part 3:

Q: What is GitHub?

A: GitHub is a Git repository hosting service.

Q: When was it created? Why? By who?

A: It was founded in February 2008 by Tom Preston-Werner, Chris Wanstrath, PJ Hyett. It was founded as way for open source software writers in different locations to create new and better versions of their software.

Q: What similar platforms exist?

A: Djacket, GitLab, Bitbucket, and Apache Allura.

Q: Why should you use such a platform?

A: It’s great for keeping track of source codes when working on a project with a group.

Part 4:

Press enter to submit commands

> git init

$ git status

$ git status

$ git add octocat.txt

$ git status

$ git commit -m "Add cute octocate story"

$ gid add '\*.txt'

$ 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 – stores a set of commit objects
* Commit – when you want to put an edited file into the repository from the staging area.
* Push – when you take the commits on your computer and put them on the remote server.
* Branch – to try out new ideas without messing the master branch
* Fork – make a copy of the remote repository but it does not stay in sync with the original repository
* Merge – when you want to incorporate your testing branch onto the master branch.
* Clone – makes a local copy of the repository onto my/your computer.
* Pull – gets the changes made in the remote repository by other members into the current branch on my computer.
* Pull request – tell others about changes you’ve pushed to the remote repository.

Part 7:

1. Fork a copy of the repository
2. Tony$ git clone <https://github.com/Chent03/courses.git>
   1. Clone a copy of the repository onto my computer
3. Modified the README.md file
   1. Added my name and date
4. Tony$ git add README.md
   1. Added the file onto the staging area
5. Tony$ git commit -m "Name added: Tony Chen"
   1. Committed the file from staging area to local repository
6. Tony$ git push
   1. Push the changed made in the local repository onto GitHub’s repository
7. Pull request to have my copy of the repository merge with

<https://github.com/paceuniversity/courses>