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CS 361

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Part 3:

GitHub is an internet based Git and Internet hosting service, which is used mostly for coding. Git records changes in computer files. This makes it possible to obtain information from a specific version. GitHub was created in 2008 by Tom Preston-Werner, Chris Wanstrath, and PJ Hyett. GitHub was created because there were no commercial Git hosting services. The creators wanted people universally to use Git to work on code. Some similar platforms include BitBucket, GitLab, and Beanstalk. GitHub is valuable because it allows code to be reviewed by a community, tracks changes in code similar to Google Drive, and provides wide exposure for projects.

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 http://github.com/try-git/try\_git.git

$ 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 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:

The repository is a hidden directory where Git operates.

Commit is a Git command, which stores staged changes in the repository.

The push command tells Git where to place commit when it’s ready.

The Git command branch is a copy of the code written, which can be used to make separate commits.

A fork is a copy of a repository.

The merge command will join two or more lines of development into one branch.

The clone command creates a copy of a repository into a new directory.

The pull commands takes and combines the current repository with another repository or local branch.

Pull requests generates a summary of pending changes for others to view.

Part 7: