**Part 3**

GitHub is a central workspace for people/teams to collaborate on programming projects through web-based Git repository hosting service.. I was founded in November 8, 2008 in San Francisco, California by Tom Preston-Werner, Chris Wanstrath, and PJ Hyett. Some alternatives are Gitlab, Gitorious, and Chiliproject.

**Part 4**

ress 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 digital directory or storage space where you can access your project, its files, and all the versions of its files that Git saves.
* Commit – a revision of an individual file.
* Push – to push a file that you have committed from your local repository to a remote repository.
* Branch – a movable pointer for your commits.
* Fork – a request to github to copy an entire repository.
* Merge - When an upstream branch in the repository changes a line in a file your working on in your local branch, thus creating a merge conflict.
* Clone – Copies an entire repository directly.
* Pull – pulls a merge on retrieved changes
* Pull request - Pull requests let you tell others about changes you've pushed to a GitHub repository.