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CS623 Git Hub Exercise   
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**Questions:**

Created in 2008 and founded by Tom Preston-Werner (however Git was originally developed in 2005 by Linus Trovalds); GitHub is an open source version control system which allows developers to easily help collaborate in modifying software projects, as well as allow non-developers to download and use open source files, and essentially store projects and network with peers. Some similar platforms include: Bitbucket, SourceForge, GitLab, Kiln, Codeplane, CodePlex, Beanstalk, and many more. With 9 million registered users (20 million unregistered visitors per month) both private and public sectors use GitHub such as Google, Microsoft and even NASA; choosing to use such a platform for its ease of use, flexibility, openness, affordability and popularity within the coding community.

**Git Tutorial:**

git init  
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