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# GIT & GITHUB INTERVIEW QUESTIONS

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## **Git & GitHub Interview Questions**

What is git?

**Ans)**

What is the difference between git and GitHub?

**Ans)**

What is the abbreviation of VCS?

**Ans)**

What is the abbreviation of SCM?

**Ans)**

Write down 5 SCM names?

**Ans)**

What is Branch?

**Ans)**

What is tag?

**Ans)**

What is the difference between Branch and Tag?

**Ans)**

When we will create the branch and when we will the create tag?

**Ans)**

What is "git add" command will do?

**Ans)**

What is the command to revert the code from staging area to working area?

**Ans)**

What is the git revert command?

**Ans)**

What is the difference between fetch and pull in Git?

**Ans)**

How to see how many branches are currently available in git repo?

**Ans)**

What is the command to create the branch?

**Ans)**

How to switch from branch to another branch?

**Ans)**

How to create branch and how to switch to that branch in one command?

**Ans)**

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What is the command to delete the branch in local repo?

**Ans)**

What is the command to delete branch in remote repo?

**Ans)**

What is the branching strategy you are following?

**Ans)**

What is git stash command?

**Ans)**

What is git cherry-pick ?

**Ans)**

What does git rebase?

**Ans)**

What is PAT?

**Ans)**

What is SSH key and how to generate ssh-key?

**Ans)**

What is the default path for ssh keys?

**Ans)**

How many file will generate if you create ssh keys and what are the file names?

**Ans)**

What is the difference between git & GitHub?

**Ans)**

What are the git best practices while committing the code need to follow?

**Ans)**

How to change git commit message after push (given that no one pulled from remote)?

**Ans)**

How to rename the branch name?

**Ans)**

What is the command to get the code from remote git repo?

**Ans)**

How to check the particular branch from github?

**Ans)**

What is the command to see all git messages in local repo?

**Ans)**

How to create the repository in git?

**Ans)**

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How to check if a branch is already merged with any branch or not?

**Ans)**

What is SubGit?

**Ans)**

In Which language Git is developed?

**Ans)**

What is the difference between git merge and git rebase?

**Ans)**

What is the difference between git reset and git revert?

**Ans)**

What is the git workflow?

**Ans)**

How you will migrate the projects from SVN to GitHub?

**Ans)**

What is merge conflicts? Have you resolved the merge conflicts?

**Ans)**

How to see how many files are committed in one particular commit id?

**Ans)**

What is git hooks? Can you name some git hooks?

**Ans)**

What is .gitignore file?

**Ans)**

What is git bare and git non bare repository, use cases?

**Ans)**

What is the git command to create the achieve files?

**Ans)**

What is git prune, Mirroring and git repack commands?

**Ans)**

What are the git objects?

**Ans)**

What is Version control system or Source code manager?

**Ans)**

Benefits of VCS or SCM?

**Ans)**

What is a repository in GIT?

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**Ans)**

Difference between Git and SVN?

**Ans)**

What are the two types of git authentication?

**Ans)**

What are the branches in Git and its purpose?

**Ans)**

What is the common branching pattern in GIT?

**Ans)**

What is Pull requests?

**Ans)**

How to install git in Linux & Windows?

**Ans)**

How to setup repository though command line?

**Ans)**

How to setup repository in github and clone it?

**Ans)**

What is git clone command used for?

**Ans)**

What is git config command used for?

**Ans)**

Git config data is stored in what location?

**Ans)**

Git config global and local files?

**Ans)**

Content of git config file?

**Ans)**

git add command's purpose?

**Ans)**

How to remove/rename files in local git repo?

**Ans)**

What is the git commit command purpose?

**Ans)**

How to sync local git repo data with github?

**Ans)**

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How to change branches in local git repo?

**Ans)**

What is the difference between 'git remote' and 'git clone'?

**Ans)**

git status?

**Ans)**

What is the function of 'git rm'?

**Ans)**

What is the function of 'git checkout' in git?

**Ans)**

What is the use of 'git log'?

**Ans)**

Explain what is commit message?

**Ans)**

How to setup github ssh authentication?

**Ans)**

What is git webhooks?

**Ans)**

Tell me the branching strategies you followed for your project?

**Ans)**

What is git rebase?

**Ans)**

What is git stash?

**Ans)**

What is the difference between git pull and git fetch?

**Ans)**

Difference between git and svn?

**Ans)**

What is the difference between "git checkout " and "svn checkout " commands?

**Ans)**

Advantages of git over with svn?

**Ans)**

Explain about staging area in git?

**Ans)**

How do you check after git merge ...where merging is correctly or not?

**Ans)**

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How to create branch and delete a branch?

**Ans)**

Do you get any conflicts while merging? If yes, How can u resolve conflicts?

**Ans)**

How can u implement authentication and authorization in git?

**Ans)**

What is the difference between git rebase and git merge?

**Ans)**

How to merge the code?

**Ans)**

Pull request in git hub - ---git pull

**Ans)**

Forking a repository in git hub?

**Ans)**

What is forking in git repositories?

**Ans)**

Explain about soft and hard reset and their difference?

**Ans)**

What kind of branching and merging you worked on GIT.

**Ans)**

What is tagging in GIT and what is the diff between feature branching and tagging?

**Ans)**

how to merge the code

What are the git commands you use?

**08/10/2020 -- Wipro questions:**

What is GIT Stash

Git Merge and GIT Pull, Diff between Git and SVN?