Git is a free and open-source distributed version control system that tracks changes in any set of computers files.

Git makes collaboration easy. Everyone on the team can keep a full backup of the repositories they're working on their local machine, and they can use external server like BitBucket, GitHub or GitLab, they can safely store the repository in a single place.

These are some of the most important commands in Git.

1. How to check your Git configuration: `git config -l`
2. How to setup your Git username: `git config --global user.name "******"`
3. How to setup your Git user email: `git config --global user.email **@**.com`
4. How to cache your login credentials in Git: `git config --global credential.helper cache`
5. How to initialize a Git repo: `git init`
6. How to add a file to the staging area in Git: `git add filename_here`
7. How to add all files in the staging area in Git: `git add .`
8. How to add only certain files to the staging area in Git: `git add fil*`
9. How to check a repository's status in Git: `git status`
10. How to commit changes with a message in Git: `git commit -m "commit comment"`
11. How to see your commit history in Git: `git log`
12. How to see your commit history including changes in Git: `git log -p`
13. How to see a specific commit in Git: `git show commit-id`
14. How to see log stats in Git: `git log —stat`
15. How to see changes made before committing them using "diff" in Git: `git diff`
16. How to remove tracked files from the current working tree in Git: `git rm filename`
17. How to rename files in Git: `git mv oldfile newfile`
18. How to ignore files in Git: "`.gitignore`" `add and commit it.`
19. How to revert unstaged changes in Git: `git checkout filename`
20. How to revert staged changes in Git: `git reset HEAD filename`
21. How to rollback the last commit in Git: `git revert HEAD`
22. How to rollback an old commit in Git: `git revert comit_id_here`
23. How to create a new branch in Git: `git branch branch_name`
24. How to switch to a newly created branch in Git: `git checkout branch_name`
25. How to list branches in Git: `git branch`
26. How to create a branch in Git and switch to it immediately: `git checkout -b branch_name`
27. How to delete a branch in Git: `git branch -d branch_name`
28. How to merge two branches in Git: `git merge branch_name`
29. How to abort a conflicting merge in Git: `git merge —abort`
30. How to add a remote repository in Git: `git add remote origin` https://repo_here
31. How to see remote URLs in Git: `git remote -v`
32. How to get more info about a remote repo in Git: `git remote show origin`
33. How to push changes to a remote repo in Git: `git push origin master`
34. How to pull changes from a remote repo in Git: `git pull origin master`
35. How to check remote branches that Git is tracking: `git branch -r`
36. How to fetch remote repo changes in Git: `git fetch`
37. How to check the current commits log of a remote repo in Git: git log origin master
38. How to merge a remote repo with your local repo in Git: git merge origin master

39. How to get the contents of remote branches in Git without automatically merging: git remote update
40. How to push a new branch to a remote repo in Git: git push -u origin branch_name
41. How to remove a remote branch in Git: git push --delete origin branch_name_here
42. How to force a push request in Git: git push -f