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| **git config --global user.name <firstname lastname>** | **Set your name as a global value for git.** |
| **git config --global user.email < valid-email >** | **Set your email as a global value for git.** |
| **git config --global color.ui auto** | **set automatic command line coloring for Git for easy reviewing** |
| **git init** | **initialize an existing directory as a Git repository** |
| **git clone < url >** | **retrieve an entire repository from a hosted location via URL** |
| **git status** | **show modified files in working directory, staged for your next commit** |
| **git add < file >** | **add a file as it looks now to your next commit (stage)** |
| **git reset < file >** | **unstage a file while retaining the changes in working directory** |
| **git diff** | **diff of what is changed but not staged** |
| **git diff –staged** | **diff of what is staged but not yet commited** |
| **git commit -m “your message”** | **commit your staged content as a new commit snapshot** |
| **git branch** | **list your branches. a \* will appear next to the currently active branch** |
| **git branch < branch-name >** | **create a new branch at the current commit** |
| **git checkout < branch >** | **switch to another branch and check it out into your working directory** |
| **git checkout < commit id >** | **switch to commit on the current branch** |
| **git checkout < commit id > < file name >** | **switch to file on commit on the current branch** |
| **git merge origin/[branch]** | **merge the specified branch’s history into the current one** |
| **git revert < commit id >** | **To create new commit to delete any changes on this <commit id > commit** |
| **git log** | **show the commit history for the currently active branch** |
| **git log branchB..branchA** | **show the commits on branchA that are not on branch** |
| **git log --follow < file >** | **show the commits that changed file, even across renames** |
| **git diff branchB...branchA** | **show the diff of what is in branchA that is not in branch** |
| **git show [SHA]** | **show any object in Git in human-readable format** |
| **git remote add [alias] [url]** | **add a git URL as an alias** |
| **git fetch [alias] (or) git fetch --all** | **fetch down all the branches from that Git remote** |
| **git merge [alias]/[branch]** | **merge a remote branch into your current branch to bring it up to date** |
| **git push [alias] [branch]** | **Transmit local branch commits to the remote repository branch** |
| **git push [alias] [branch] --force** | **remove any commits on repository has diff with my push** |
| **git pull** | **fetch and merge any commits from the tracking remote branch** |
| **git rm [file]** | **delete the file from project** |
| **git mv [existing-path] [new-path]** | **change an existing file path and stage the move** |
| **git log --stat -M** | **show all commit logs with indication of any paths that moved** |
| **git rebase [branch]** | **apply any commits of current branch ahead of specified one** |
| **git reset < file name >** | **Remove the file from** |
| **git reset --hard [commit]** | **Reset hard from specified commit id** |
| **git stash** | **Save modified and staged changes** |
| **git stash list** | **list stack-order of stashed file changes** |
| **git stash pop** | **write working from top of stash stack** |
| **git stash drop** | **discard the changes from top of stash stack** |
| **.gitignore** | **to make git ignore some files [ write on it the files or folders are you want to make ignore to them ]** |
| **.gitkeep** | **Make the git see folders and files hidden from it by default** |
| **git push origin –delete <branch name>** | **To delete remote branch** |
| **git branch** | **List all branchs** |
| **git branch -D < branch name >** | **Delete branch from local [ if not merged ]** |
| **git branch -d < branch name >** | **Delete branch from local [ only merged ]** |
| **git branch –m < new branch name >** | **To rename the current branch** |
| **git branch –m < old branch name > < new >** | **To rename the any branch** |
| **git branch --show-current** | **To show the current branch** |