

### Create

git clone	Clone an existing repository
git init	Clone a local repository
git add	Add files to staging
git commit	Commit staged changes to the repository
git commit --amend	Reword the last commit message
git mv	Move or rename a file
git rm	Unstage files

### Branches

git branch	Lists all branches
git checkout <branch>	Switches to a new branch
git checkout -b <branch>	Creates the new branch while also switching to it
git branch -d <branch>	Deletes the branch
git merge <branch>	Merges current branch into <branch>

### Update

git remote -v	List remotes
git remote add <path>	Adds a new remote
git fetch	Get the latest changes from origin
git pull	Get the latest changes and merge
git push	Publish local changes to the repository
git push <remote> :<branch>	Deletes remote branch
git reset --hard HEAD	Undo local commits

### git rebase and cherry pick

git rebase <branch>	Takes the current branch's commits and applies them on top of another base
git rebase -i	Changing commits in ways such as editing, deleting or squashing
git rebase --continue	Staging files changes during interactive rebase
git rebase --abort	Terminates the process
git cherry-pick <commit>	Choose commits from one branch and apply it onto another

### git bisect

git bisect start	Begins the bisect process
git bisect good/bad <tag>	Marks <tag> as a broken or working version
git bisect good/bad	Marks the commit as good or bad
git bisect reset	Ends the bisect process

### git log

git relog	Displays an ordered list of the commits that HEAD has pointed to
git log --<limit>	Limit the number of commits displayed
git log --oneline	Limit each commit to a single line
git log --stat	Shows the file(s) that have been modified, the number of lines that have been added or removed and also displays a summary line
git log --grep="<pattern>"	Search for a specific word/phrase in a list of commits
git log --author="<author>"	Display all commits by an author
git log --<file>	Only show commits in a certain file
git log --merges	Display a log with only merge commits
git shortlog	Group commits by their authors
git diff	View the difference between two commits

