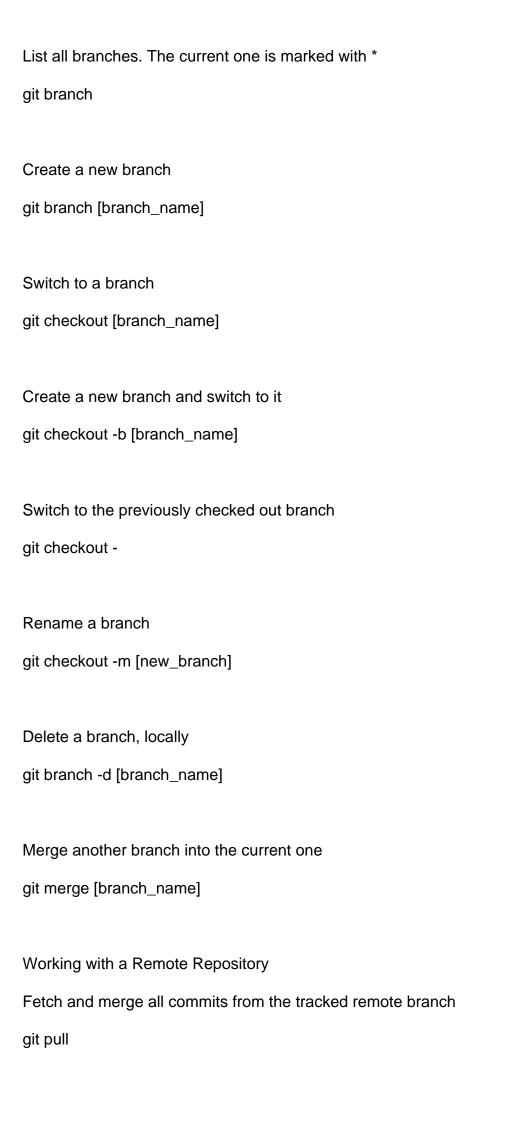
Local Changes
Display the status of modified files
git status
Add a file to staging as it looks right now
git add [file_name]
Add a folder to staging as it looks right now
git add [folder_name]
Commit staged files in a new commit
git commit -m "descriptive_message"
Add all files to staging and commit them at once
git commit -am "descriptive_message"
Unstage a file while retaining the changes
git reset [file_name]
Diff of what is changed but not staged
git diff
Diff of what has changed between staged changes and the last commit
git diffstaged
Branches



Fetch and merge all commits from a specific remote branch git pull [alias] [branch_name]

Fetch recent changes from the tracked remote branch but don't merge them git fetch

Fetch all branches, tags, and references from the remote git fetch --all

Create and switch to a local branch based on a remote branch
git switch -c [local_branch_name] [remote_name/remote_branch_name]

Push all local branch commits to the tracked remote branch git push

Push all local branch commits to a specific remote branch git push [alias] [branch_name]

Add a new remote repository with the given alias git remote add [alias] [repo_url]

Display a list of remote repositories and their URLs git remote -v

Commit History

Show all commits in the current branch?s history

git log

Show all commits in the current branch?s history by printing each commit on a single line git log --oneline

Show number of commits per author on all branches, excluding merge commits.

git shortlog -s -n --all --no-merges

Show number of commits per author on a branch, excluding merge commits.

git shortlog -s -n [branch_name] --no-merges

Show number of commits per author on all branches, including merge commits.

git shortlog -s -n --all

Show number of commits per author on a branch, including merge commits.

git shortlog -s -n [branch_name]

Rebase

Reapply commits from the current branch on top of another base

git rebase [branch_name]

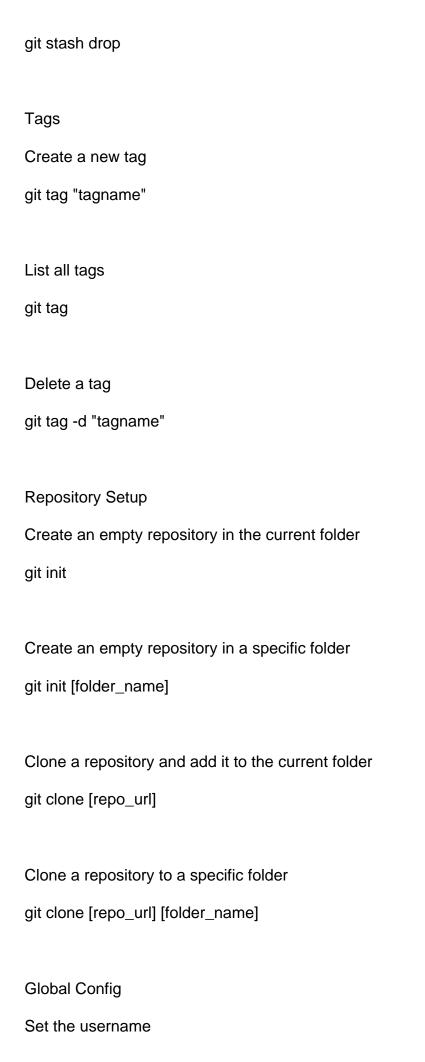
Abort a rebase

git rebase ?-abort

Continue a rebase after resolving conflicts

git rebase ?-continue

Undo
Revert the changes in a commit and record them in a new commit
git revert [commit]
Reset to a previous commit and preserve the changes made since [commit] as unstaged
git reset [commit]
Depart to a provious commit and discord the above as made since the [commit]
Reset to a previous commit and discard the changes made since the [commit]
git resethard [commit]
Stash
Stash modified and staged changes
git stash
Stash modified and staged changes with a custom message
git stash push -m "message"
Stash a selected file by specifying a path
git stash push src/custom.css
List all stashed changesets
git stash list
Restore the most recently stashed changeset and delete it
git stash pop
Delete the most recently stashed changeset



git config --global user.name "user_name"

Set the user email

git config --global user.email "user_email"

Set automatic command line coloring

git config --global color.ui auto