Git Cheat Sheet

Basic Commands

Command	Description
`git init`	Initialize a new Git repository.
`git clone <repo>`	Clone an existing repository.
`git status`	Show the working tree status.
`git add <file>`	Add a file to the staging area.
`git commit -m "message"`	Commit the staged changes with a message.
`git push`	Push changes to the remote repository.
`git pull`	Fetch and merge changes from the remote repo.

Branching

Command	Description
`git branch`	List all local branches.
`git branch <branch-name>`	Create a new branch.
`git checkout <branch-name>`	Switch to a different branch.
`git merge <branch-name>`	Merge a branch into the current branch.
`git branch -d <branch-name>`	Delete a branch.

Viewing History

Command	Description
`git log`	Show commit logs.
`git log --oneline`	Show a condensed version of the commit logs.
`git log --graph`	Show a graph of the commit history.

Undoing Changes

Command	Description
`git checkout -- <file>`	Discard changes in the working directory.
`git reset <file>`	Unstage a file while keeping the changes.
`git reset --hard <commit>`	Reset the working directory and index to a specific commit.

Working with Remotes

Command	Description
`git remote -v`	Show the remote repository URL.
`git remote add <name> <url>`	Add a new remote repository.
`git fetch`	Download objects and refs from another repository.

Stashing

Command	Description
`git stash`	Stash the current changes in the working directory.
`git stash list`	List all stashes.
`git stash apply`	Apply the latest stash.
`git stash drop`	Delete a stash.

Submodules

Command	Description
`git submodule add <repo>`	Add a new submodule.
`git submodule update`	Update the submodules.
`git submodule init`	Initialize the submodules.

Note: Replace `<file>`, `<repo>`, `<branch-name>`, `<name>`, `<url>`, and `<commit>` with your specific values.