

# Git Commands with Examples

No.	Git Command	Description	Example
1	git init	Creates a new Git repository.	git init
2	git add	Stages all changes for commit.	git add .
3	git status	Shows modified/staged/untracked files.	git status
4	git add <file>	Stages a specific file.	git add index.html
5	git commit -m "message"	Saves staged changes with a message.	git commit -m "Initial commit"
6	git log	Shows commit history.	git log --oneline
7	git checkout <branch>	Switches to another branch.	git checkout main
8	git diff	Shows differences between files/commits.	git diff chapter3.txt
9	git branch	Lists or creates branches.	git branch feature/login
10	git merge <branch>	Merges another branch into current branch.	git merge feature/login
11	git clone <url>	Downloads a remote repo locally.	git clone https://github.com/user/repo.git
12	git pull	Fetches and merges remote changes.	git pull origin main
13	git push	Uploads local commits to remote repo.	git push origin main
14	git remote -v	Shows remote URLs.	git remote -v
15	git reset	Unstages or resets commits.	git reset HEAD index.html
16	git rm	Removes file from working directory & staging area	git rm oldfile.txt