

Command	Description	Syntax
<b>git init</b>	Initializes a new Git repository in the current directory.	git init
<b>git clone</b>	Clones a remote repository to your local machine.	git clone <remote_repository_url>
<b>git add</b>	Adds changes to the staging area to be committed.	git add <file_path> or git add . (to add all changes)
<b>git commit</b>	Records the changes to the repository with a message.	git commit -m "Commit message"
<b>git status</b>	Shows the current status of the repository.	git status
<b>git push</b>	Pushes local changes to a remote repository.	git push <remote_name> <branch_name>
<b>git pull</b>	Fetches and merges changes from a remote repository.	git pull <remote_name> <branch_name>
<b>git branch</b>	Lists all branches in the repository.	git branch
<b>git checkout</b>	Switches to a different branch or commit.	git checkout <branch_name> or git checkout <commit_hash>
<b>git merge</b>	Merges changes from one branch into another.	git merge <source_branch>
<b>git fetch</b>	Fetches changes from a remote repository without merging.	git fetch <remote_name>

<b>git log</b>	Displays the commit history.	git log
<b>git remote</b>	Manages remote repositories.	git remote add <name> <remote_repository_url>
<b>git rm</b>	Removes files from the working directory and staging area.	git rm <file_path>
<b>git stash</b>	Temporarily saves changes that are not ready to commit.	git stash
<b>git restore</b>	Discards changes in the working directory.	git restore <file_path>
<b>git reset</b>	Unstages files from the staging area.	git reset <file_path> or git reset HEAD (to unstage all changes)
<b>git config</b>	Configures Git settings.	git config [--global] <key> <value>
<b>git diff</b>	Shows the differences between commits or the working tree.	git diff
<b>git remote show</b>	Shows information about a remote repository.	git remote show <remote_name>
<b>git tag</b>	Tags specific commits with a label.	git tag <tag_name>
<b>git cherry-pick</b>	Applies the changes of specific commits to the current branch.	git cherry-pick <commit_hash>