

# Git Guide for beginners





GIT ⚡

```
git init
```

Initializes a new Git repository in the current directory



GIT ⚡

```
git add <file(s)>
```

Adds file(s) to the staging area, preparing them for the next commit



GIT ⚡

```
git commit -m "Your commit message"
```

Creates a new commit with the changes from the staging area with a commit message describing the changes



GIT ⚡

```
git clone <repository-url>
```

Copies an existing Git repository from a remote server to your local machine.



GIT ⚡

```
git log
```

Shows a history of commits, with their commit messages, dates, and authors.



GIT ⚡

```
git status
```

Displays the current status of the working directory, showing which files are modified, staged, or untracked.



GIT ⚡

```
git branch <branch-name>
```

Creates a new branch with the given name



GIT ⚡

```
git checkout <branch_name>
```

Switches to the specified branch



GIT ⚡

```
git fetch <remote>
```

Retrieves new changes from the remote repository without merging them



GIT ⚡

```
git merge <branch-name>
```

Merges the specified branch into the current branch



GIT ⚡

```
git pull origin <branch-name>
```

Fetches and merges changes from the remote repository to the local branch



GIT ⚡

```
git push origin <branch-name>
```

Uploads local commits to the remote repository



GIT ⚡

```
git stash
```

Temporarily save your local modifications in a "stash" and revert your working directory to a clean state



GIT ⚡

```
git stash list
```

Display a list of stashes that have been created in your Git repository