Git Basic Commands date:6th June 6, 2025

Here’s a structured sequence of Git commands that you can follow for different tasks:

**Basic Setup**

1. **Initialize a repository**

git init

1. **Set up user details**

git config --global user.name "Your Name" git config --global user.email "your.email@example.com"

**Working with Files**

1. **Check the status of files**

git status

1. **Add files to staging**

git add

1. **Commit changes**

git commit -m "Commit message"

**Branching & Merging**

* 1. **Create a new branch**

git branch

* 1. **Switch to a branch**

git checkout

* 1. **Merge branches**

git merge

**Remote Repository**

* + 1. **Add a remote repository**

git remote add origin

* + 1. **Push changes to remote**

git push origin

* + 1. **Pull changes from remote**

git pull origin

**History & Logs**

* + - 1. **View commit history**

git log

* + - 1. **View differences between commits**

git diff

**Undo & Reset**

* + - * 1. **Undo last commit (soft reset)**

git reset --soft HEAD~1

* + - * 1. **Undo last commit (hard reset)**

git reset --hard HEAD~1

For a more detailed breakdown, you can check out this [Git Cheat Sheet](https://www.geeksforgeeks.org/git-cheat-sheet/) or a [sequence of Git commands](https://gist.github.com/orendzi/95362123b5422a9f40de). Let me know if you need help with a specific Git workflow! 😊









