

GitHub Commands Cheat Sheet

git config --global user.name "Your Name"

Description: Sets your Git username (global setting).

git config --global user.email "you@example.com"

Description: Sets your Git email (global setting).

git init

Description: Initializes a new Git repository in the current folder.

git clone <repo-url>

Description: Clones a repository from GitHub to your local system.

git status

Description: Displays the status of changes (staged, unstaged, untracked).

git add <file>

Description: Stages a specific file for the next commit.

git add .

Description: Stages all files in the current directory and subdirectories.

git commit -m "message"

Description: Commits staged changes with a descriptive message.

git branch

Description: Lists all local branches in the repository.

git branch <branch-name>

Description: Creates a new branch.

git checkout <branch-name>

Description: Switches to the specified branch.

git checkout -b <new-branch>

Description: Creates and switches to a new branch.

git remote add origin <url>

Description: Adds a remote repository named 'origin'.

git remote -v

Description: Displays the current remote repository URLs.

git push -u origin main

Description: Pushes the main branch to the remote repository and sets upstream.

git push

Description: Pushes committed changes to the remote repository.

git pull

Description: Fetches and merges changes from the remote repository.

git log

Description: Shows the commit history.

git log --oneline

Description: Displays a concise commit history.

git reset HEAD <file>

Description: Unstages a file without removing its changes.

git checkout -- <file>

Description: Discards changes in the working directory.

git revert <commit>

Description: Reverts the specified commit by creating a new one.

git branch -M main

Description: Renames the current branch to 'main'.

git config --global credential.helper manager

Description: Stores credentials securely using Windows Credential Manager.

gh auth login

Description: Logs into GitHub using the GitHub CLI.