

Git & GitHub Command-Line Cheatsheet

Initial Setup

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

Clone a Repository

```
git clone https://github.com/username/repo.git
```

Check Status

```
git status
```

Add Files

```
git add . git add filename
```

Commit

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

Push

```
git push git push -u origin main
```

Pull

```
git pull git pull origin main
```

Branching

```
git branch feature-x git checkout feature-x git checkout -b feature-x git branch
```

Merge

```
git checkout main git merge feature-x
```

Push New Branch

`git push -u origin feature-x`

Common Fixes

`git pull --rebase git push`

Undoing

`git restore --staged filename git restore filename git reset --soft HEAD~1 git reset --hard HEAD~1`

Typical Workflow

`git pull git add . git commit -m "message" git push`