

# Git Commands Cheat Sheet

## 1. Configuration

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

## 2. Repository Setup

```
git init
git clone <url>
```

## 3. Staging and Committing

```
git status
git add <file>
git add .
git commit -m "message"
git commit -am "message"
```

## 4. Branching

```
git branch
git branch <branch-name>
git checkout <branch-name>
git checkout -b <branch-name>
git merge <branch-name>
git branch -d <branch-name>
```

## 5. Remote Repositories

```
git remote -v
git remote add origin <url>
git push -u origin <branch-name>
git push
git pull
git fetch
```

## 6. Undoing Changes

```
git reset <file>
git checkout -- <file>
git revert <commit>
git reset --hard
```

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## 7. Viewing History

```
git log
git log --oneline
git diff
git diff --staged
```

## 8. Tagging

```
git tag
git tag <tagname>
git push origin <tagname>
```

## 9. Stashing (temporary save)

```
git stash
git stash apply
git stash list
```

## 10. Others

```
git show <commit>
git rm <file>
git mv <old> <new>
```