

Git and GitHub Command Cheat Sheet

Basic Git Setup

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

Repository Commands

```
git init
git clone <repo_url>
git remote add origin <repo_url>
git remote -v
```

Staging and Status Commands

```
git add .
git add <file>
git status
git reset <file>
```

Commit Commands

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

Branching Commands

```
git branch
git branch <branch_name>
git checkout <branch_name>
git checkout -b <branch_name>
git merge <branch_name>
```

Push and Pull Commands

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

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```
git pull  
git fetch
```

Logs and History

```
git log  
git log --oneline  
git show <commit_id>
```

Undo and Clean Up

```
git reset --hard HEAD  
git clean -fd  
git revert <commit_id>
```

.gitignore Sample

```
/target/  
*.class  
*.log  
*.env  
.idea/  
*.iml
```