

Git & GitHub Cheat Sheet

1. Initialize a Git Repository

```
git init
```

2. Add Files to Staging Area

```
git add .
```

or

```
git add <filename>
```

3. Commit Changes

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

4. Check Status

```
git status
```

5. Connect to Remote Repository

```
git remote add origin <repo-URL>
```

6. Rename Branch to Main (if needed)

```
git branch -M main
```

7. Push to GitHub

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

8. Pull Latest Changes

Git & GitHub Cheat Sheet

```
git pull origin main
```

9. Create and Switch to New Branch

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

10. Push New Branch

```
git push -u origin <branch-name>
```

11. Clone a Repository

```
git clone <repo-URL>
```

12. View Commit History

```
git log
```

13. Add .gitignore

```
touch .gitignore
```

```
# Add patterns to ignore certain files
```

14. Create README.md

```
echo "# Project Title" > README.md
```

15. Set Up Git Username and Email

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

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