

Git Quick Reference

Essential commands for version control

The 6 Commands You Need:

```
git init
```

Start tracking your project

```
git status
```

See what's changed

```
git add .
```

Stage all changes for commit

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

Save a checkpoint with description

```
git log
```

See history of commits

```
git checkout [commit-id]
```

Jump back to a previous version

Typical Workflow:

1. git init (once at project start)
2. Build a feature
3. git status (see what changed)
4. git add . (stage changes)
5. git commit -m 'Add feature X' (save checkpoint)
6. Repeat steps 2-5 for each feature

Experimenting with Branches:

```
git branch experiment
```

Create a branch called 'experiment'

```
git checkout experiment
```

Switch to experiment branch

Try risky changes safely!

```
git checkout main
```

Go back to main branch (your changes safe in experiment)