



```
cd ~/my_project_dir
git init
git add .

git clone ~/existing/repo ~/new/repo
git clone you@host.org:dir/project.git
```

```
git status
git diff
git diff <ID1> <ID2>
git log
git blame <file>
git show <ID>
git diff <ID>:<FILE>
git grep <pattern> [path]
```

```
git help [command]

git symbolic-ref HEAD
refs/heads/newbranch
rm .git/index
git clean -fdx
<do work>
git add your files
git commit -m 'Initial commit'

git log --graph
git log --graph --pretty=oneline --
abbrev-commit

git push <origin> <branch>

git push <origin> :<branch>
git branch -d <branch>
```

```
git checkout -f | git reset --hard

git revert HEAD

git revert $id

git commit -a --amend

git checkout <ID> <file>
```

```
git branch

git checkout <BRANCH>

git checkout <B2>
git merge <B1>

git branch <BRANCH>

git checkout <new> <base>

git branch -d <branch>
```

```
git diff

git diff --base <FILE>

git diff --theirs <FILE>

git diff --ours <FILE>

git add <CONFLICTING_FILE>
git rebase --continue
```

```
git fetch

git pull

git am -3 patch.mbox
git am --resolve
```

```
git commit -a
```

```
git format-patch origin
git push [origin] [branch]
git tag <version_name>
```

```
git config [--global]

user.name $name
user.email $email

color.ui auto

github.user $user
github.token $token

pack.threads 0
diff.renamelimit 0

core.autocrlf true
```