

### # Starting a project

```
git init "project name"
```

```
git clone "project url"
```

#### #commit to local

```
git commit
```

### BRANCH & MERGE

#### #git branch

list your branches. a \* will appear next to the currently active branch

#### git branch [branch-name]

create a new branch at the current commit

#### git checkout

switch to another branch and check it out into your working directory

### STAGE & SNAPSHOT

#### git status

show modified files in working directory, staged for your next commit

#### git add [file]

add a file as it looks now to your next commit (stage)

#### git reset [file]

unstage a file while retaining the changes in working directory

#### git diff

diff of what is changed but not staged

#### git diff --staged

diff of what is staged but not yet committed

#### git commit -m "[descriptive message]"

commit your staged content as a new commit snapshot

### Remove selected Branch

```
git branch -d [name]
```

### Fetch changes from the remote

```
git fetch [remote]
```

### Switch current branch to specified branch

```
git checkout[-b][branch_name]
```

### BRANCH & MERGE

#### git branch

list your branches. a \* will appear next to the currently active branch

#### git branch [branch-name]

create a new branch at the current commit

#### git checkout

switch to another branch and check it out into your working directory

#### git merge [branch]

merge the specified branch's history into the current one

#### git log

show all commits in the current branch's history



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