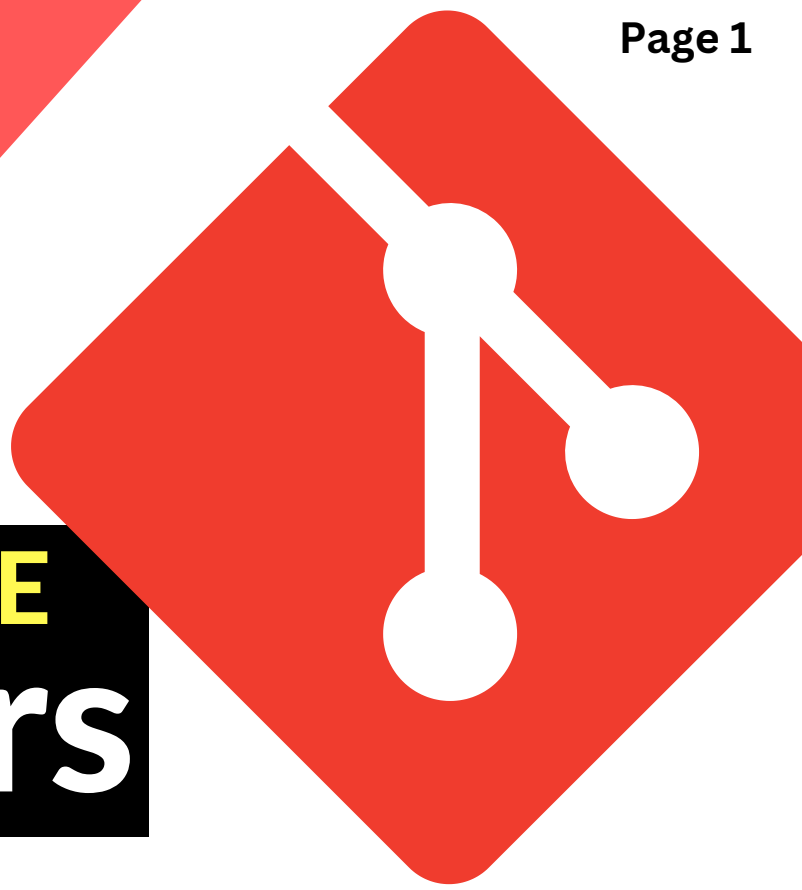


git

FOR **ABSOLUTE** Beginners

**Download from:**

git-scm.com

Created by:

courses.davegray.codes

Check installed version:

`git --version`

`git -v`

YouTube Channel:

[@DaveGrayTeachesCode](https://www.youtube.com/@DaveGrayTeachesCode)

Config settings:

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

`git config --global user.email "You@Email.com"`

`git config --global init.defaultBranch main`

Help:

`git help <command>`

Example: `git help config`

Remove git from folder:

`rm -rf .git`

Example: When using tutorial code

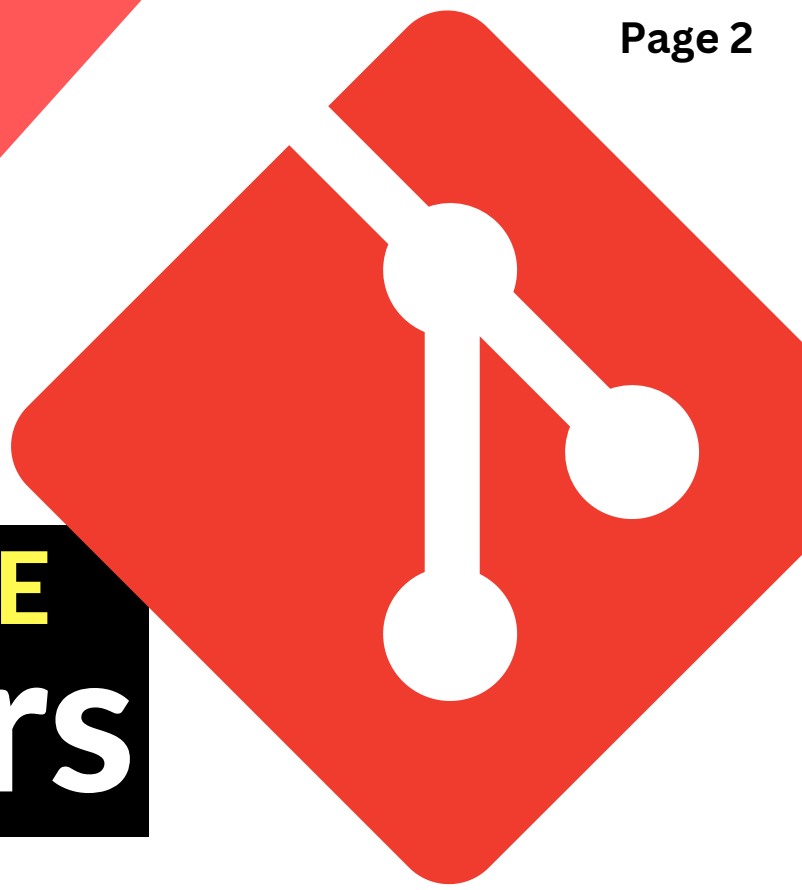
Download Code for a Tutorial:

`git clone <url-from-github>`

Example: `git clone https://github.com/gitdagray/css_course.git`

git

FOR **ABSOLUTE** Beginners

**Create new repo:**

```
git init
```

Check repo status:

```
git status
```

```
git status -s
```

Add files to repo:

```
git add <filename>
```

```
Example: git add index.html
```

```
Add ALL files with: git add .
```

Discard Changes:

```
git restore <filename>
```

Link a local repo to GitHub:

```
git remote add origin <gh-url>
```

```
git branch -M main
```

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

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Commit file changes:

```
git commit -m "Short message"
```

```
Combine add & commit:
```

```
git commit -a -m "Short message"
```

Unstage a new added file:

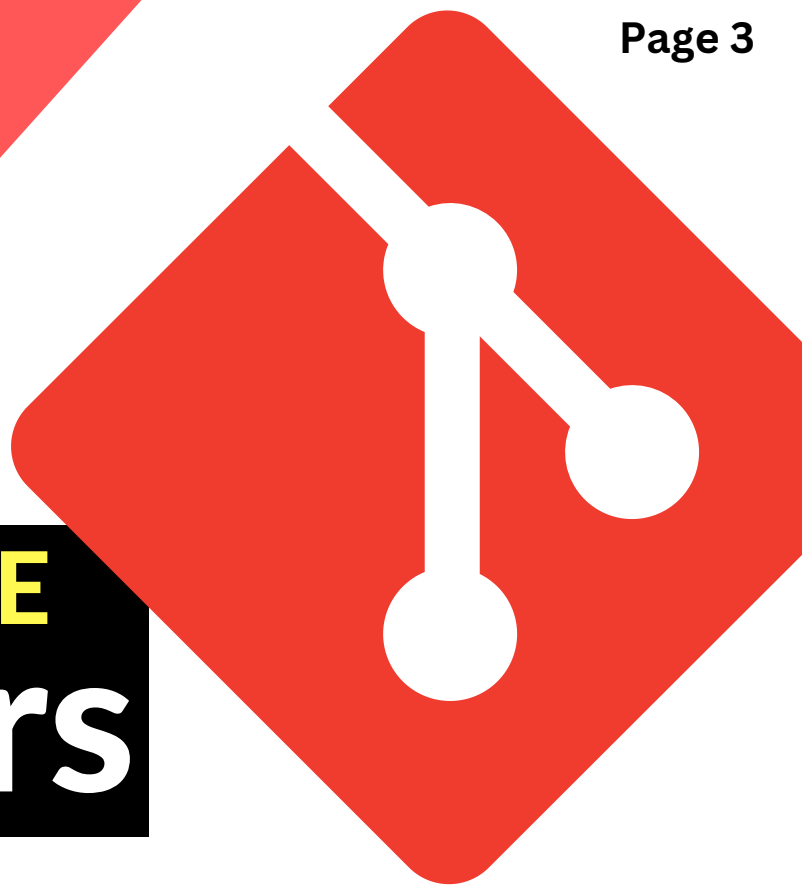
```
git rm --cached <filename>
```

Unstage a previously modified file:

```
git restore --staged <filename>
```

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Untracked File Status:

Files not yet added to repository.

VS Code displays a U beside the filename.

Unmodified File Status:

Tracked files that have not been changed.

Modified File Status:

Tracked files that have been changed.

VS Code displays an M beside the filename.

Staged File Status:

Tracked files that have been added.

VS Code displays an A beside the filename.

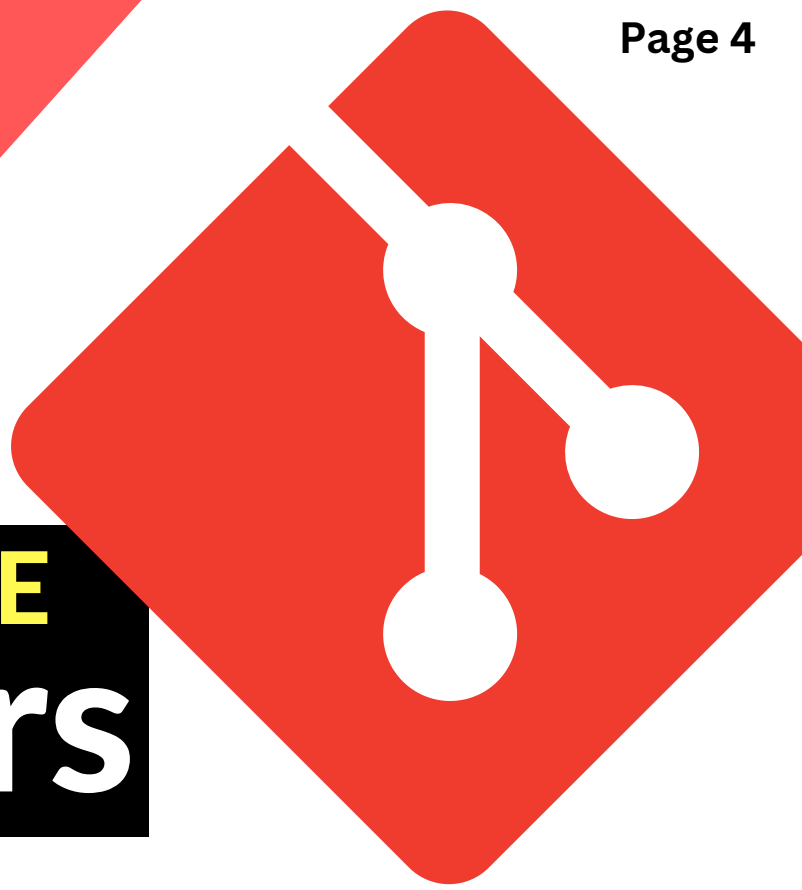
Ignored File Status:

Files that match a pattern or exact match in .gitignore

VS Code grays out the filename.

git

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Basic Workflow in Git:

1. Create new files or make changes to existing files.
2. `git commit -a -m "Short detail message about changes"`
3. `git push` (to send code updates to GitHub repo)

Keep Git from Asking for Credentials with every git push:

`git config --global credential.helper 'cache --timeout=3600'`