Exercise **Monday**

Introduction to Programming (/introduction-to-programming) / Git, HTML and CSS (/introduction-to-programming/git-html-and-css) / Practice: GitHub Remote Repositories

Text   Cheat sheet

Terminology

- **Local**: In Git terms, local means located on the device that you are using.

- **Remote**: In Git terms, this means located outside of the device you are using; for example, GitHub.

- **README**: A file that provides more details information about a GitHub repository's code.

- **Push**: Copy the code from a local Git repository to a remote repository.

- **Main**: The main copy of a Git repository on a local machine, also known as the main branch. Traditionally, this was called the "master" branch but this terminology has been updated due to its negative connotations.

- **Clone**: To make a copy of a repository from Github on a local machine.

- **Origin**: The default nickname given to the GitHub remote repository when it is cloned.

Git Remote Commands

- `$ git remote add [remote name] [remote URL]` : Sets up a new remote location with a name and location.

Example: This command adds a new remote called "al" located at "https://github.com/epicodus-lessons/hello-world":

```
$ git remote add al https://github.com/epicodus-lessons/hel
lo-world
```

- `$ git remote -v` : Shows the names and URLs for all of the remote repositories that the project's Git repository has stored.
- `$ git push [remote name] [branch name]` : Copies the code to the remote repository from the local Git repository.
- `$ git clone [remote URL]` : Copies the code and commit history from a remote repository to a local repository.

Tips

- Be sure that you are not cloning a project inside of an existing local repository. In other words, you should *not* be inside of a project directory when you run the `git clone` command. Otherwise you'll end up with one git repository inside of another.

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