



WELCOME TO FRONT-END WEB DEVELOPMENT

Please sit next to a different classmate
and write your name on your name tag.

Wi-fi: GA-Guest
pw: yellowpencil

LESSON 02

CODING STANDARDS, CODE-REVIEWS & GITHUB RECAP



Coding Standards/Conventions

Coding standards are:

- Set of **guidelines** to define **style** and **best practices**

Beneficial for:

- Improving **consistency**
- Improving **readability** and **maintainability**
- Reducing complexity
- Speeding up learning

Interesting trivia

40%–80% of the lifetime cost of a piece of code goes to **maintenance**

Hardly any code is maintained for its whole life by the original author

Code Reviews

Code reviews are:

- **Review process** in which the code is examined **by its author and other colleagues**, in order to **evaluate its technical content and quality**

Useful for:

- Finding problems and fix them early
 - Making sure the code adheres to exacting standards
 - Helping developers learn from each other
 - Improving consistency and quality
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GitHub

GitHub is a code hosting platform that offers version control and collaboration tools.

It's useful for:

- Safekeeping of your work in a remote location
- Easy sharing of code with others
- Detailed tracking of changes and reverting back to previous work via version control

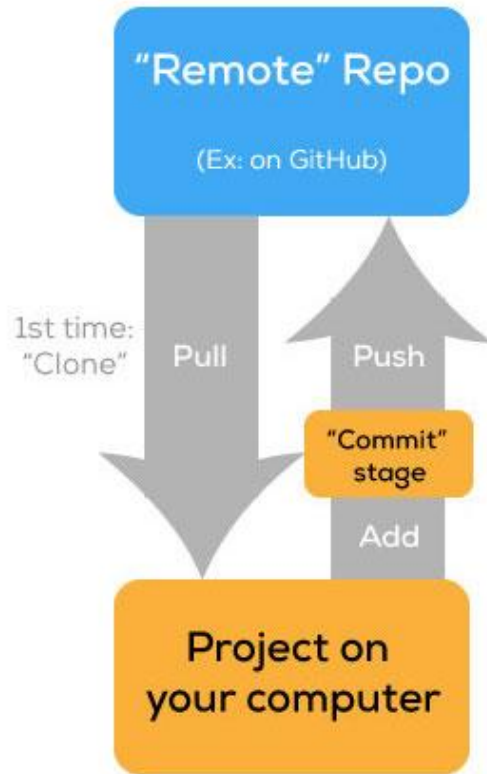


Octocat

GitHub

In a nutshell:

- Projects are kept in **repositories**
- Repositories are **pulled** to your computer
- Work is saved and **committed** to the *local repo*
- Once complete it's **pushed** to the *remote repo*



CSS



LESSON 03

INTRO TO CSS

Intro to CSS

CSS (Cascading Style Sheets) is a **style sheet language** used for describing the **presentation** of an HTML document

Content
HTML

Presentation
CSS

Anatomy of a CSS rule

CSS has a syntax that differs from anything we've seen up until now in HTML.

A CSS rule is comprised of:

- a **selector** that identifies an element or set of elements
- one or many **declarations** that define the styles being applied
- each declaration consists of a **property** followed by a **value**



Applying CSS

There are three ways to apply CSS to HTML

Inline

```
<p style="color: red">text</p>
```

Internal

```
<head>
...
<style>
  p { color: red; }
  a { color: blue; }
</style>
...
</head>
```

External

```
<head>
...
<link rel="stylesheet"
href="style.css">
...
</head>
```