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‹ learn to code your own basic webpage ›

RGD 2013 STUDENT AWARDS
RGD
WARPAINTMEDIA
vtech
Let's Get Creative
WARPAINTMEDIA

LET'S GET STARTED

WHO IS JAMES DOYLE?

- James Doyle (@james2doyle)
- Co-Founder of WARPAINT Media
- Graduate of Fanshawe College
- Ladies Learning Code Mentor
- UnLondon Maker Workshop Instructor (*Raspberry Pi*)
- Builder of Chrome Apps (Kijiji Enhanced, Reverse Geocode, CleanCSS)
- Open Source Guy (69 Source Repos. 61 Repos Supported)
- 5 Node Package Manager (NPM) Modules

HOW ABOUT TOOLS?

WHAT TOOLS DO WE NEED?

- Sublime Text 3
- A Modern Web Browser (Chrome, Safari, Firefox)
- Subtle Patterns
- Font Awesome
- BrandColors
- Google Fonts
- CodePen
- 1 Human Brain

WHAT THINGS ARE WE LEARNING?

- HTML (Hyper Text Markup Language)
- CSS (Cascading Style Sheet)
- Web Rules and Conventions (`♥`)
- Linking Resources and Assets
- Using Icons and Fonts
- General design rules

YOU RIGHT NOW.

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HTML

WHAT IS HTML?

- HTML defines the page layout and logic
- HTML is just text, nothing special
- Files end in `.html`
- You can create a whole website with one single HTML document
- Web crawlers (search engines) read your HTML and know about your page
- Always remember, “semantic HTML”

A HTML TAG

```
<tagname>Element Content</tagname>
```

- Start tag <>
- Tag Name
- Tag Content
- Close tag </>
- Tag Name

TAG PROPERTIES

```
<a href="http://google.com" title="Google Homepage"
class="link" id="google-link">Google</a>
```

- "`href`" is the location of the link (only for **a** tags)
- "`title`" is the title that shows when the link is hovered on
- "`class`" is the CSS class that is applied to this element
- "`id`" is the identifier for this element
- Inside the tag is the displayed text for this element

BASIC TAGS

- `h1, h2, h3, h4, h5, h6` are heading tags
- `p` is a paragraph
- `em, strong, i, b` are text style tags
- `div` is a container tag
- `img` is an image tag

TAGS THAT TRICK YOU

```
<img src=”img/1.jpg” width=”100” height=”50” alt=”The
First Slide” />
```

```
<input type=”text” name=”firstname” value=”” placeholder=”
Enter Your Name” />
```

```
<link rel=”stylesheet” href=”css/style.css” media=”screen”
/>
```

VALID DOCUMENTS

THE MINIMAL HTML PAGE

```
<!DOCTYPE html>
<html>
  <head>
    <title>The Name Of This Page</title>
  </head>
  <body>
   <!-- your content -->
  </body>
</html>
```

THE MINIMAL HTML PAGE

```
<!DOCTYPE html> <!-- type of page -->
<html> <!-- start of the document -->
  <head> <!-- properties of the document -->
    <title>The Name Of This Page</title> <!-- title -->
  </head>
  <body> <!-- start of the document content -->
   <!-- your content -->
  </body>
</html>
```

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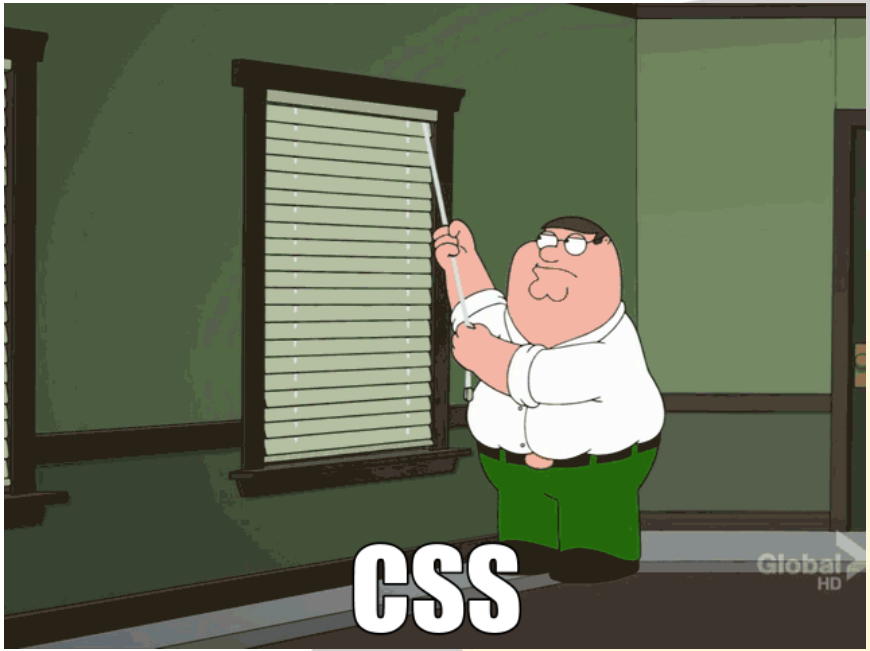
CSS

HOW MOST PEOPLE FEEL ABOUT CSS



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WHAT IS CSS?

- Cascading Style Sheets
- Files end in `.css`
- CSS defines the look of the page, and some interaction too
- You can style almost every single element in your HTML
- You can write “inline” CSS in the “head” of your HTML page
- CSS can create animations!
- Different browsers support different CSS rules

CSS BASICS

```
/* main CSS page */
element {
  property: value;
}

.classname, #idname, element child {
  property: value;
}
```

WHAT DOES THIS DO?

```
body {
  color: blue;
  font-family: Times New Roman, serif;
  background-color: red;
}
```

IT DOES THIS!

```
body { /* target the body element */
  color: blue; /* make the text blue */
  /* use the Times New Roman font */
  font-family: Times New Roman, serif;
  /* make the background red */
  background-color: red;
}
```

YOU RIGHT NOW.

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LET’S CODE!

LET'S CODE!

- Open Sublime Text
- Folder Structure
  - create a folder called "`codeful-website`"
  - unzip the project in there
  - `codeful-website/img/{subtlepatterns backgrounds}`
- Open the `index.html` file in your web browser

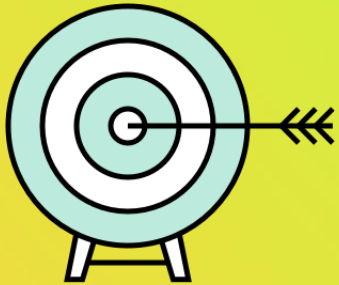
[coding]

YOU MADE IT!

The Completed Project Link

Sites To Check out:

- HTML5 Up Themes
- Sublime Text Package Control
- CSS Tricks
- HTML5 Doctor
- Codrops
- Codepen.io



WE'RE DONE!

Any Questions?

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the complete coding experience
codeful.ca