INTRODUCTION TO HTML

What is HTML?

- HTML is a language for **describing web pages**

- HTML is a **markup** language

- A markup language is a set of **markup tags**

- The purpose of the tags are to **describe page content**

- The **HTML tags are** also called **HTML elements**

- Developers always should use tags appropriately to keep the markup clean and as semantic as possible (good for SEO, screen readers and to make other developers happy)

HTML anatomy

```
<html>
<head>
<title>HTML page example</title>
</head>
<body>
<h1>This a Heading</h1>
<p>This is a paragraph.</p>
<p>This is another paragraph.</p>
</body>
</html>
```

The \<head\>

- Page title

- You can load external CSS and JS files;

- Place internal CSS or JavaScript code;

- Meta tags (for SEO, Facebook OG etc...)

The \<body\>

- All page content comes here;

- You can also add internal styles or JavaScript here, but not recommended;

- External JavaScript files should be loaded at the very bottom (to improve site performance)
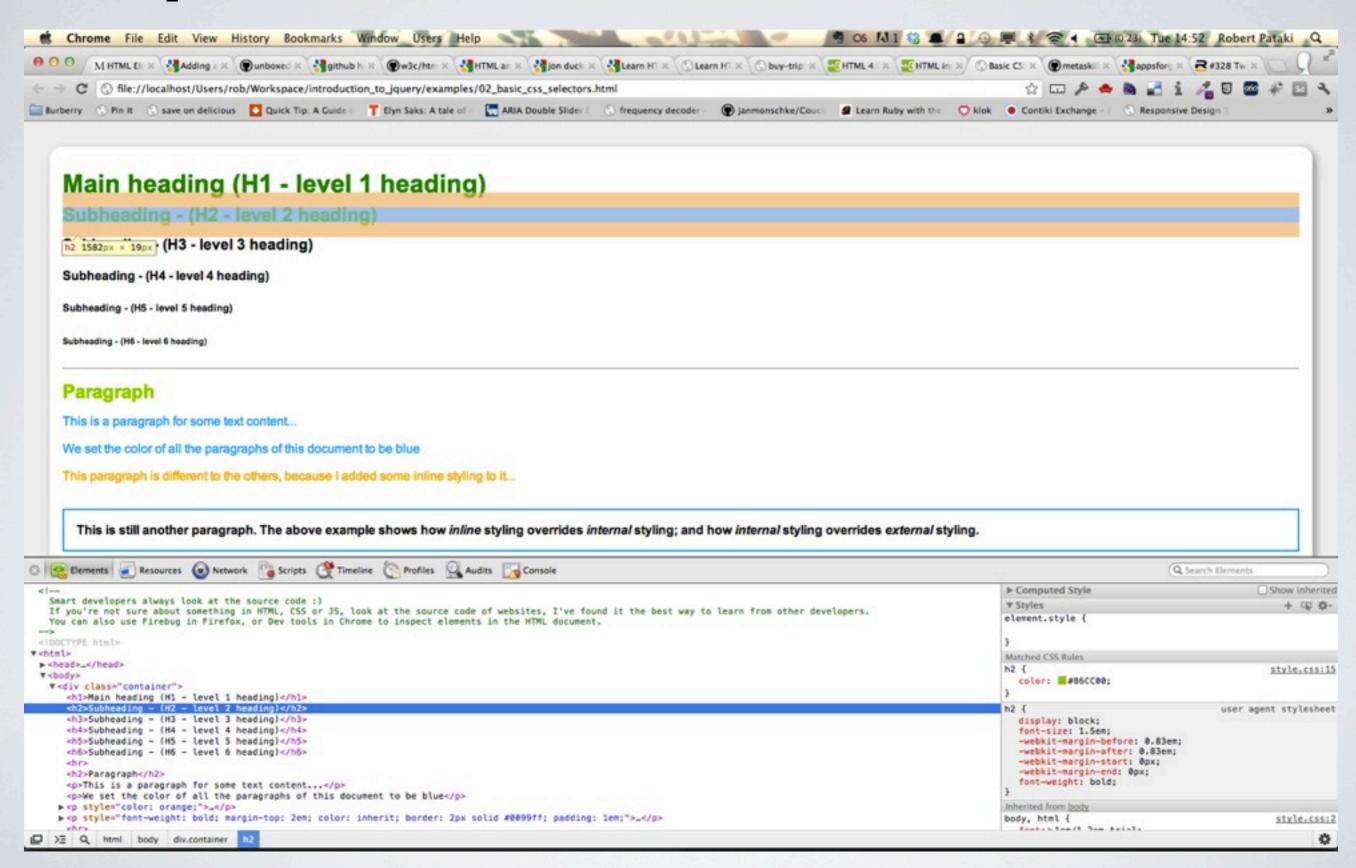
HTML tags

- Tags are meant to describe functional elements on the page

- To keep the code semantic and easy to read, try to use tags appropriately

- Some elements have a 'strict' hierarchy, that gives meaning to them and their relationships (such as headings)

```
<h1>Main title</h1>
<h2>Subtitle</h2>
...
<p>Paragraph text</p>
...
<ul>
<li>List item 1</li>
<li>List item 2</li>
<li>List item 3</li>
</ul>
```

Let's look at some examples!

Inspect

References

HTML & CSS book (2012)
http://htmlandcssbook.com/

A comprehensive list of pretty much all the HTML elements
http://meiert.com/en/indices/html-elements/
https://developer.mozilla.org/en-US/

HTML5 weekly (newsletter) http://html5weekly.com/archive/21.html

Always check the source code of websites, that's the best way to learn