

HTML:

 Markup to get down 

Codecademy Ready

<https://github.com/jessefurmanek>

@jesselumarie

What is HTML?

Hyper**T**ext **M**arkup **L**anguage

What is a markup language?

“A markup language is a system for annotating a document in a way that is syntactically distinguishable from the text.”

Other Markup Languages

Other markup languages

- XML

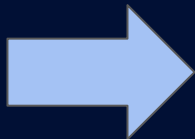
```
<?xml version="1.0"?>
<!DOCTYPE BOOKS SYSTEM "books.dtd">
<?xml-stylesheet type="text/css" href="xmlbooksstyle.css"?>
<BOOKS>
  <TITLE>Harry Potter and the Prisoner of Azkaban</TITLE>
  <AUTHOR>
    <NAME>J.K. Rowling</NAME>
  </AUTHOR>
</BOOKS>
```

Adapted from [this site](#).

Other Markup Languages

- Markdown ([Original](#), [Github](#) and [other flavors](#))

This is my title
This is the way to write
using the `_coolest_` markup
around-**Markdown**!



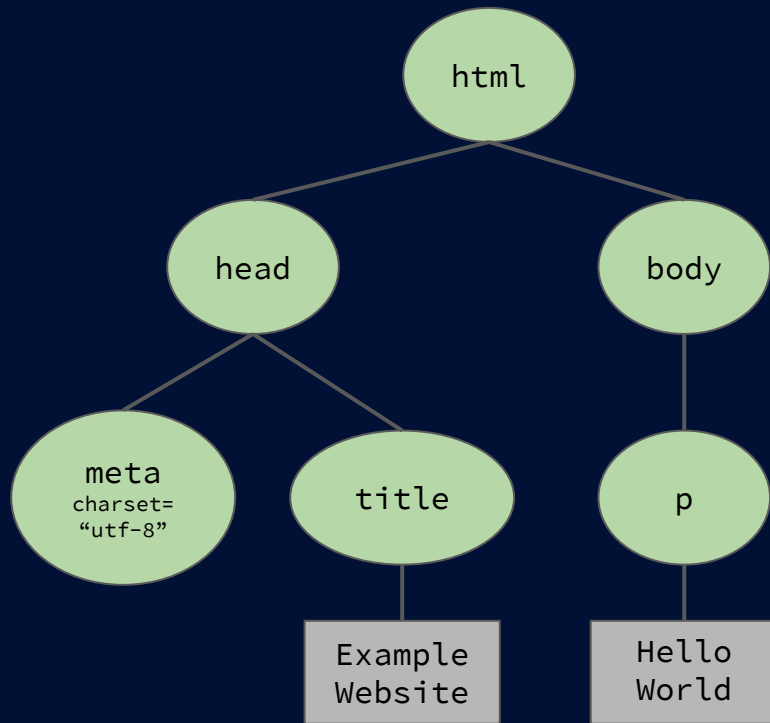
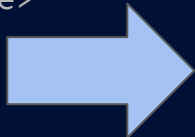
```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <style></style>
  </head>
  <body>
    <h1>This is my title</h1>
    <p>
      This is the way to write
      using the <em>coolest</em>
      markup around-
      <strong>Markdown</strong>!
    </p>
  </body>
</html>
```

What does HTML have to do with websites?

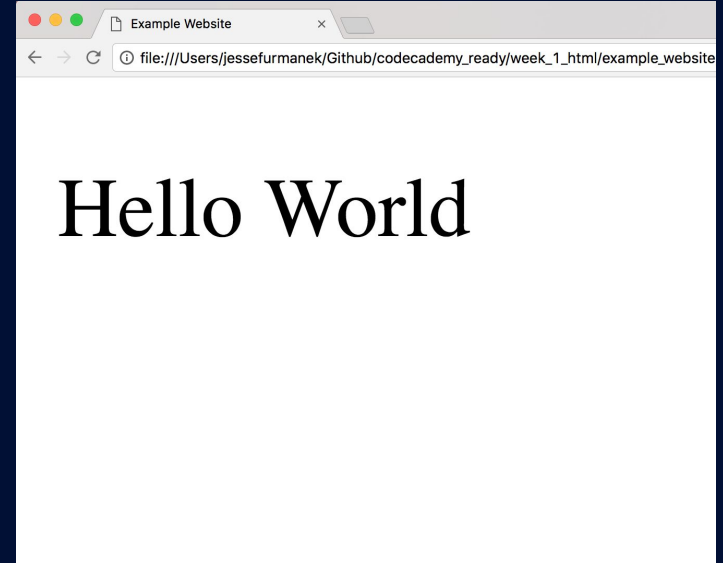
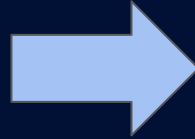
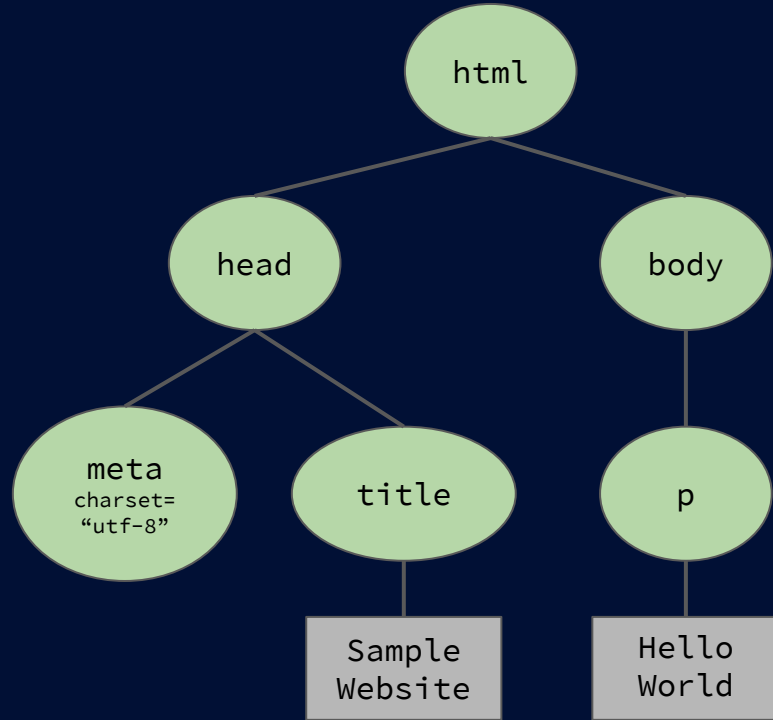


HTML to DOM tree

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Example Website</title>
  </head>
  <body>
    <p>Hello World</p>
  </body>
</html>
```

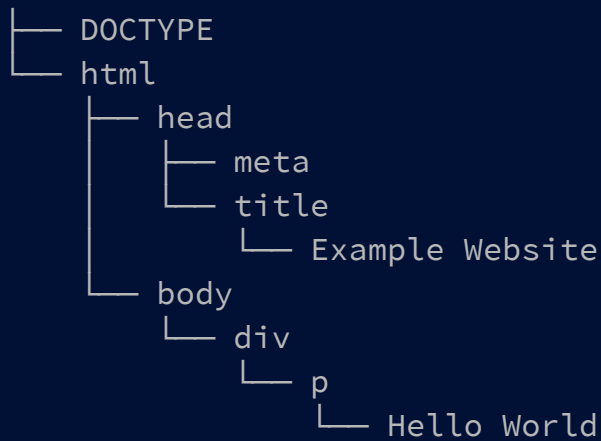
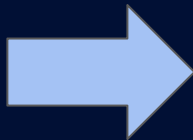


DOM tree to website



HTML as folders

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Example Website</title>
  </head>
  <body>
    <p>Hello World</p>
  </body>
</html>
```



Browser Development Tools

Chrome DevTools

Page Inspector
Network Monitor

Firefox Development Tools

Safari Web Inspector

Others**

Web Console
Javascript Debugger
Performance Tools
Mobile Design Mode

** I'm sure Microsoft Edge and other browsers have similar tools, but I haven't developed with those browsers.



Questions?

Let's build a website!







🐦 twitter: @jesselumarie

🐙 github: [@jessefurmanek](#)