



CMPSC 302

WEB DEVELOPMENT



HTML is really just a document

✦ What does that mean based on what we know so far?





```
<!DOCTYPE html>
```

```
<html lang = "en">
```

.....

```
</html>
```



HTML

**INFORMATION ON THE PAGE
(WHAT ITEMS? TEXT?)**



It also contains info about itself

- * We might call this “metadata,” though it’s not all that
 - * This all lives in a non-printing element called the `<head>`
- * The `<head>` contains things like:
 - * Page title `<title>`
 - * Stylesheets (we’ll get to that later)
 - * “meta” data like
 - * Featured image when posted to another site
 - * URL to link to when posted to another site
 - * The name of the page’s author
 - * ...and on and on

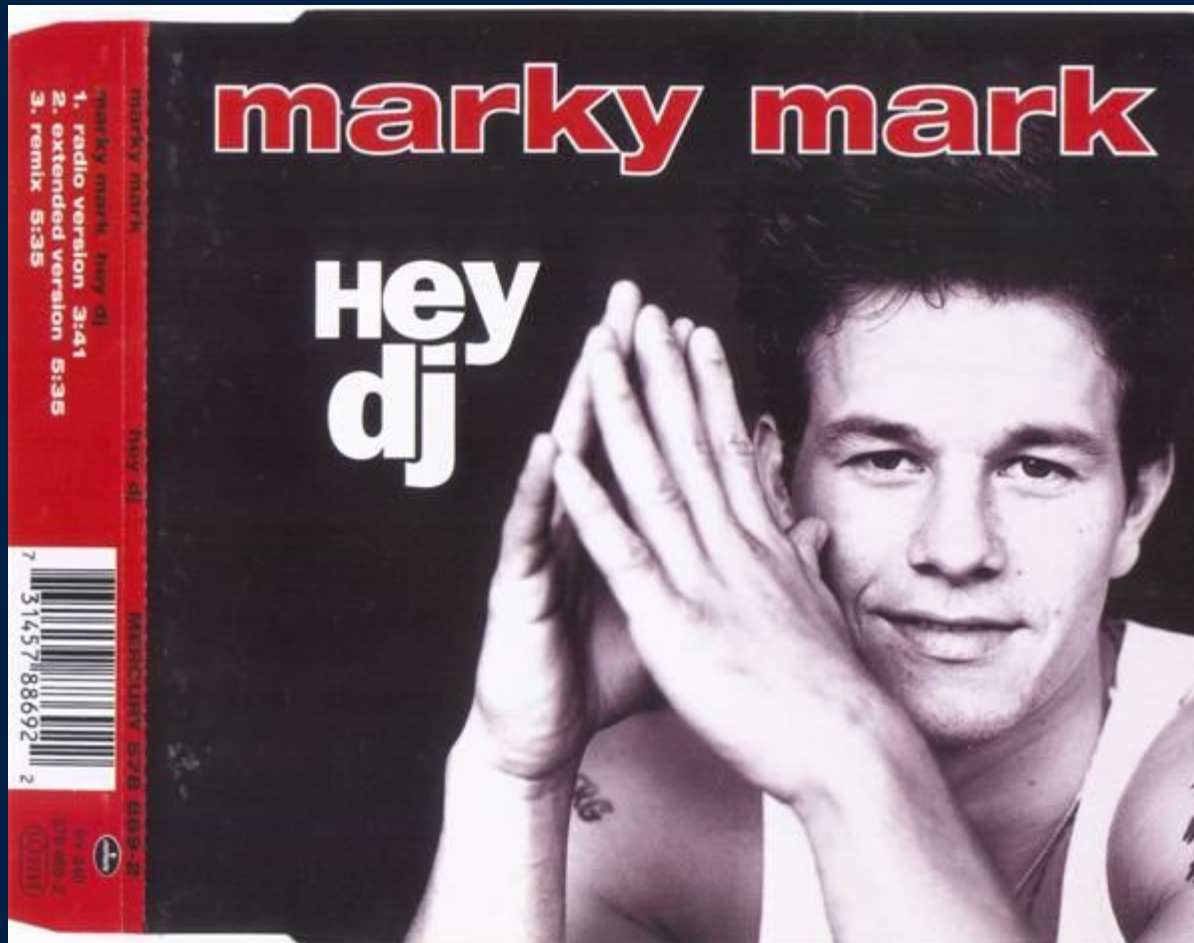


Getting bodied

- * The content of the page lives in the `<body>` of the page
- * This contains all of our “nodes” (see Document Object Model, aka DOM in today’s README)
- * Houses all of the visual content of the page



Marky Mark(up)



- * Mark Wahlberg
 - * Really
- * Not markup
 - * But slightly humorous
- * Stuck in your mind
 - * For at least some of you
 - * (you can't unsee it)



Markup

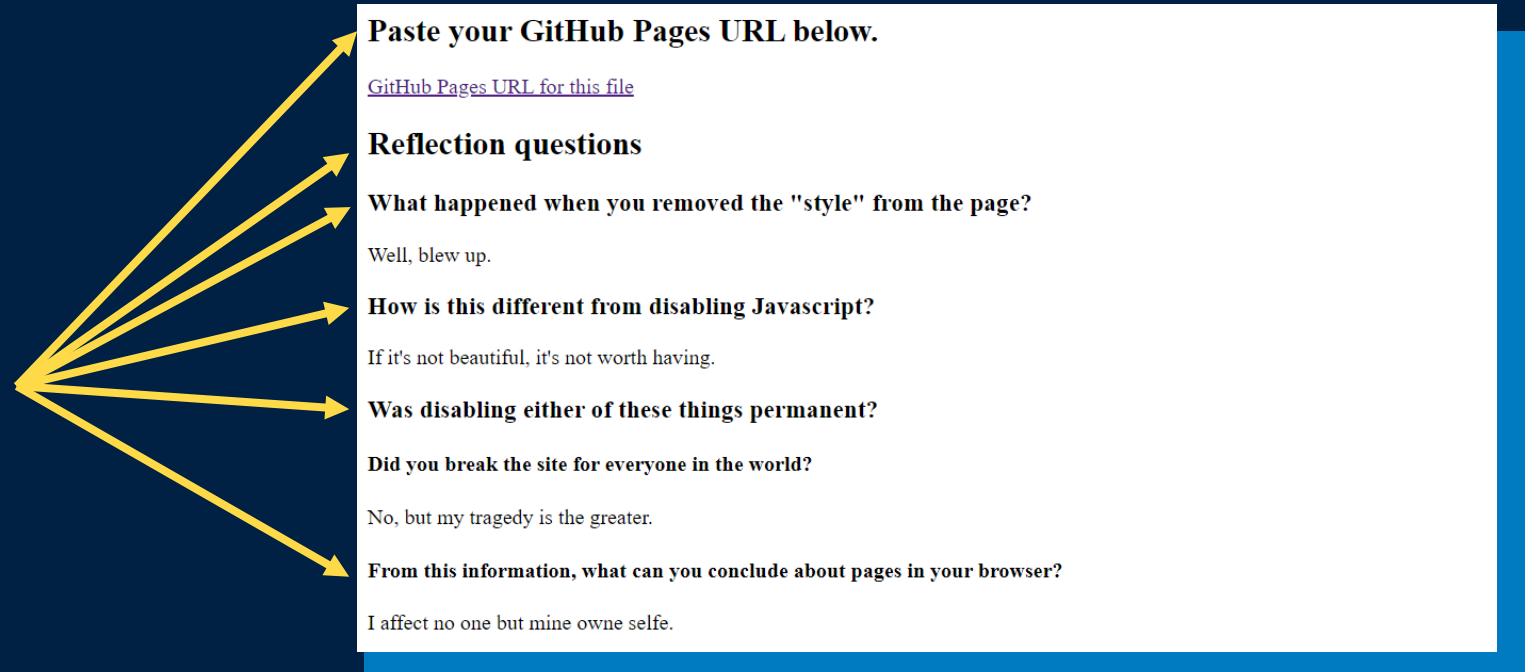
- * HTML is a markup language
 - * Formally: “a system for formatting and arranging the elements of a document”
 - * Less formally: a way to categorize and provide additional context or hierarchy for content
- * HTML is not necessarily a “programming language”:
 - * It *means* stuff, but doesn't really *do* stuff
 - * We should consider it more of a documentary structure than a programming language
 - * But that will change when we get to Javascript



Hierarchy

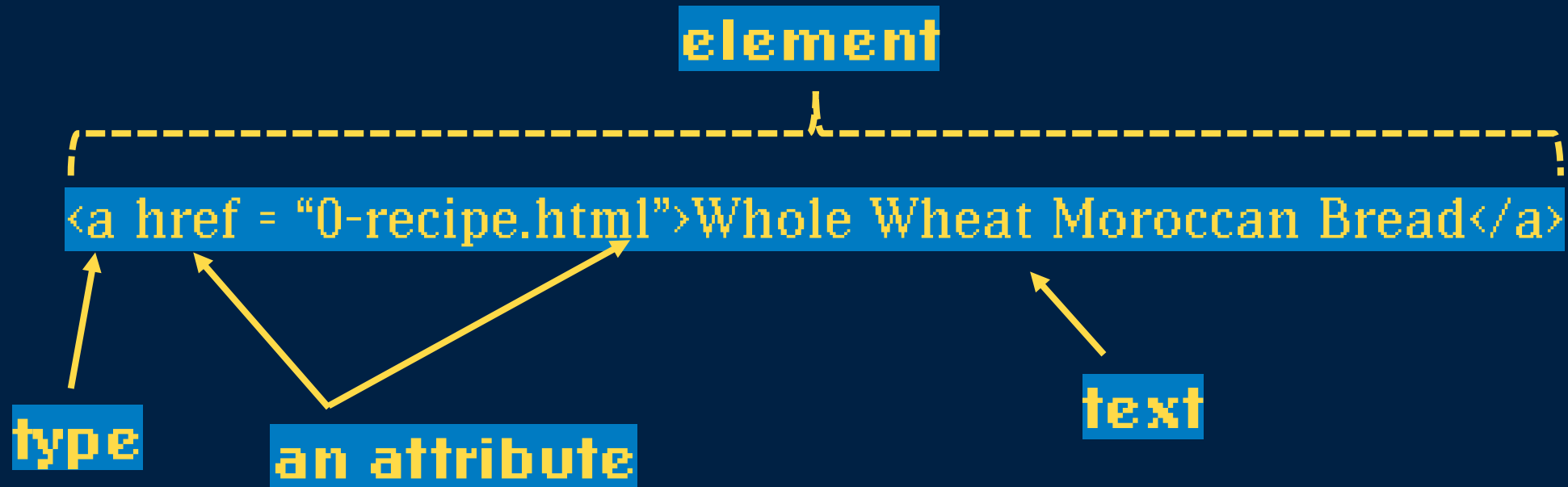
- ✦ As a web developer, it's your job to structure information
- ✦ The main way we do this is through tags called "headings"
 - ✦ But, there are visual ways we will do this, too
- ✦ A hierarchy:

headings
imply
hierarchy



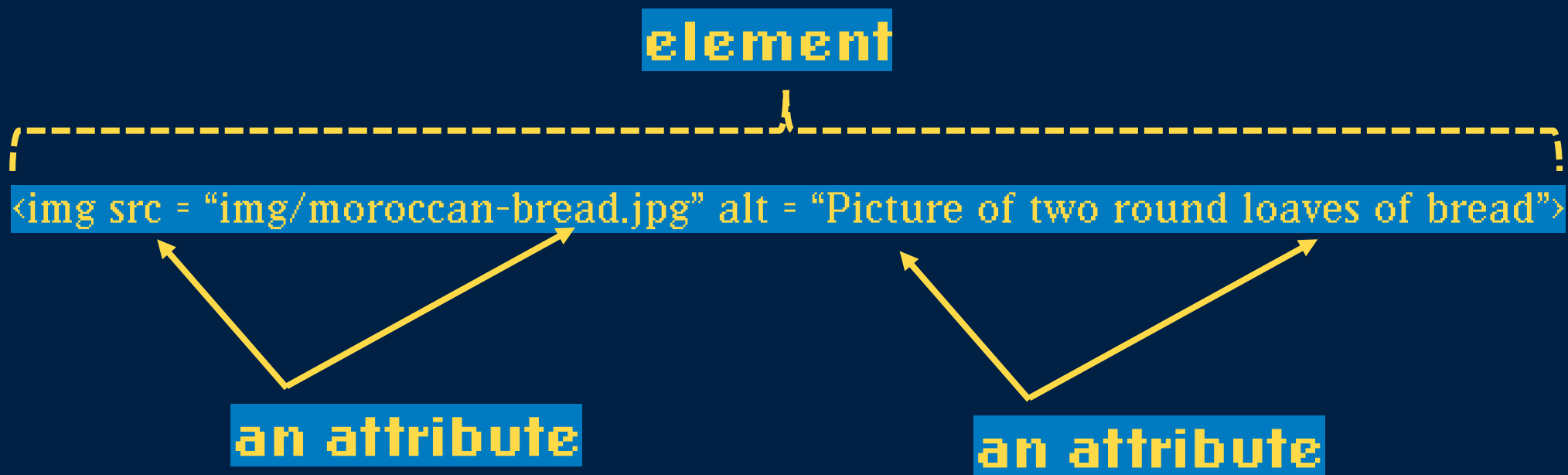


It's a document composed of tags





Not all elements have text property





Some elements require “members”

Prep: 20 min

Rise: 1 hour 30 min

Cook: 30 min

Total: 2 hour 30 min

Yields 3 round loaves

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- Rise: 1 hour 30 min
- Cook: 30 min
- Total: 2 hour 30 min
- Yields 3 round loaves



Today's activity

✦ Today we will work on 0-recipe.html, learning the following

“tags”:

✦ a

✦ h1 ... h3, h4

✦ ol

✦ ul

✦ li

✦ em

✦ title

✦ We've already seen this