HTML & CSS : Day 1 of 3

Intro to Semantic HTML and Intro to CSS

Fullstack
Academy

Lesson Objectives

HTML

- Tags: what they do, when to use them
  - `html, head, style, body, h1-h4, p, a, ul, ol, li, aside, div, span, main, section, article, header, footer, img`
- Attributes: what they're used for
  - href (a), width, height, alt
- block vs inline elements
  - href (a), width, height, alt

CSS

- How to include CSS:
  - inline, in-document, external
- CSS Selectors:
  - Type selector
  - Basic combinators
- Basic styles:
  - Background-color, color, text-align, margin, padding, width, height, border
  - Shorthand:
    - E.g. border: 1px solid black

What are HTML and CSS for?

HTML

- What the page's contents are
- What type of content it is

CSS

- How does it all look?

The Anatomy of an HTML Page

Every HTML Page generally has at least 3 elements:

```
<!DOCTYPE html>
<html>
    <head></head>
    <body></body>
</html>
```

The Anatomy of an HTML Page

Every HTML Page generally has at least 3 elements:
1. An "html" tag

```
<!DOCTYPE html>
<html>  ← Indicates start/end of the page
   <head></head>
   <body></body>
</html>
```

The Anatomy of an HTML Page

Every HTML Page generally has at least 3 elements:
1. An "html" tag
2. A "head" tag

```
<!DOCTYPE html>
<html>
  <head></head>  ← styles, code, etc
  <body></body>
</html>
```

The Anatomy of an HTML Page

Every HTML Page generally has at least 3 elements:
1. An "html" tag
2. A "head" tag
3. A "body" tag

```
<!DOCTYPE html>
<html>
  <head></head>
  <body></body>   ← where all the content goes
</html>
```

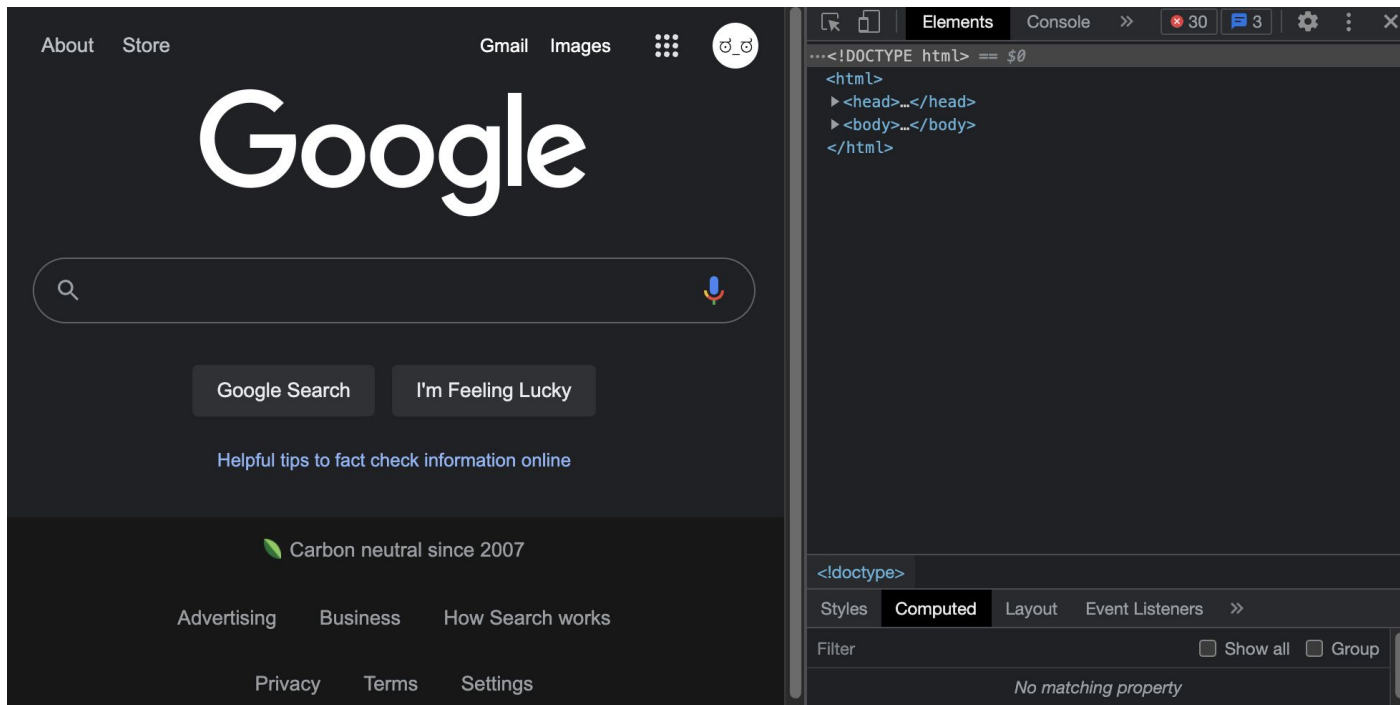# The Anatomy of an HTML Page

(oops)
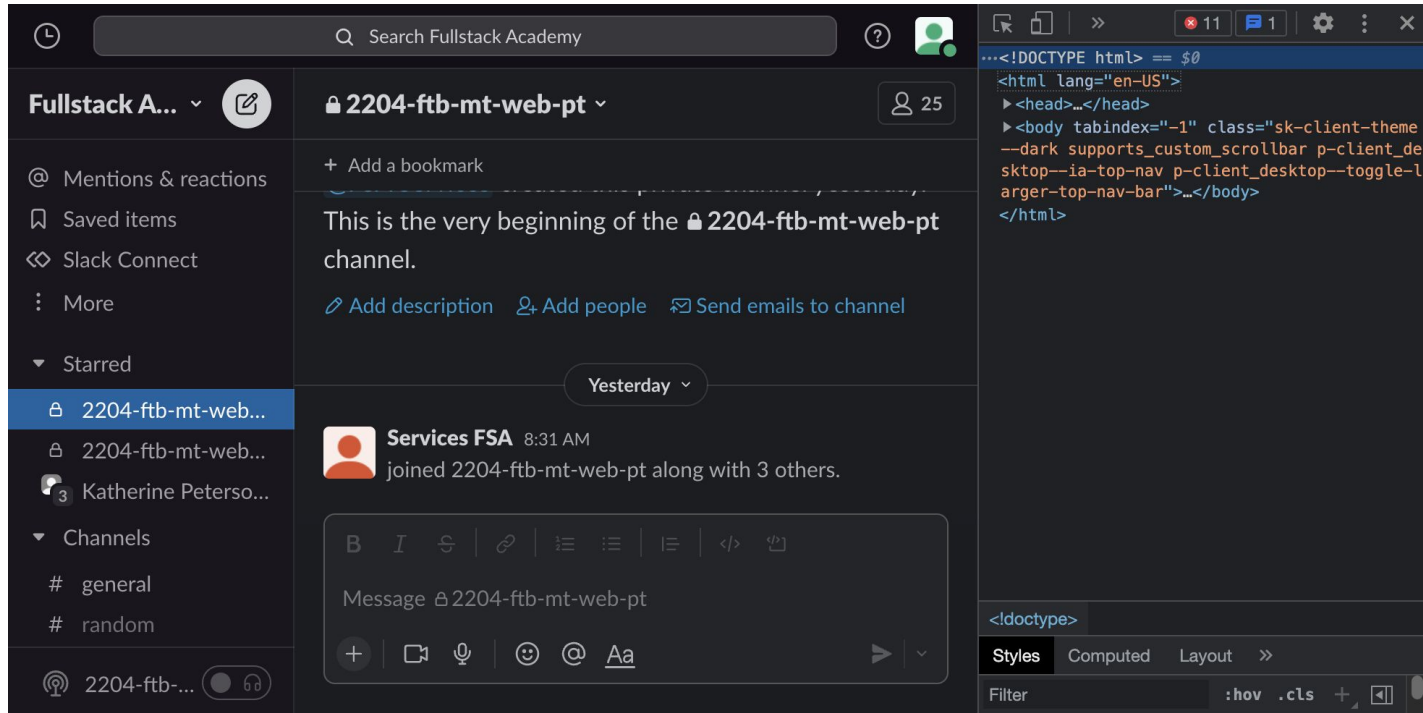4. And also usually this little guy.

```
<!DOCTYPE html>  ← tells you we're using HTML5
<html>
  <head></head>
  <body></body>
</html>
```

Pretty much every web page uses this general structure

Even some you might not think are normal web pages

HTML/CSS Demo

Break for Demo

HTML Tags Quiz

- <style />   A numbered list

- <a />   Where page's main content goes

- <h1 />   An anchor, or link to another page

-    Where you would write your CSS

- <main />   BIG bold text, like for a headline