

# So You Want to Learn To Use HTML and CSS

## Chapter 1 – Part A

### Brief History

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# In this video we will:

- ✓ Show a Very quick history of HTML
- ✓ Describe the 4 things that make up a web site
  - HTML
  - CSS
  - JavaScript
  - Server

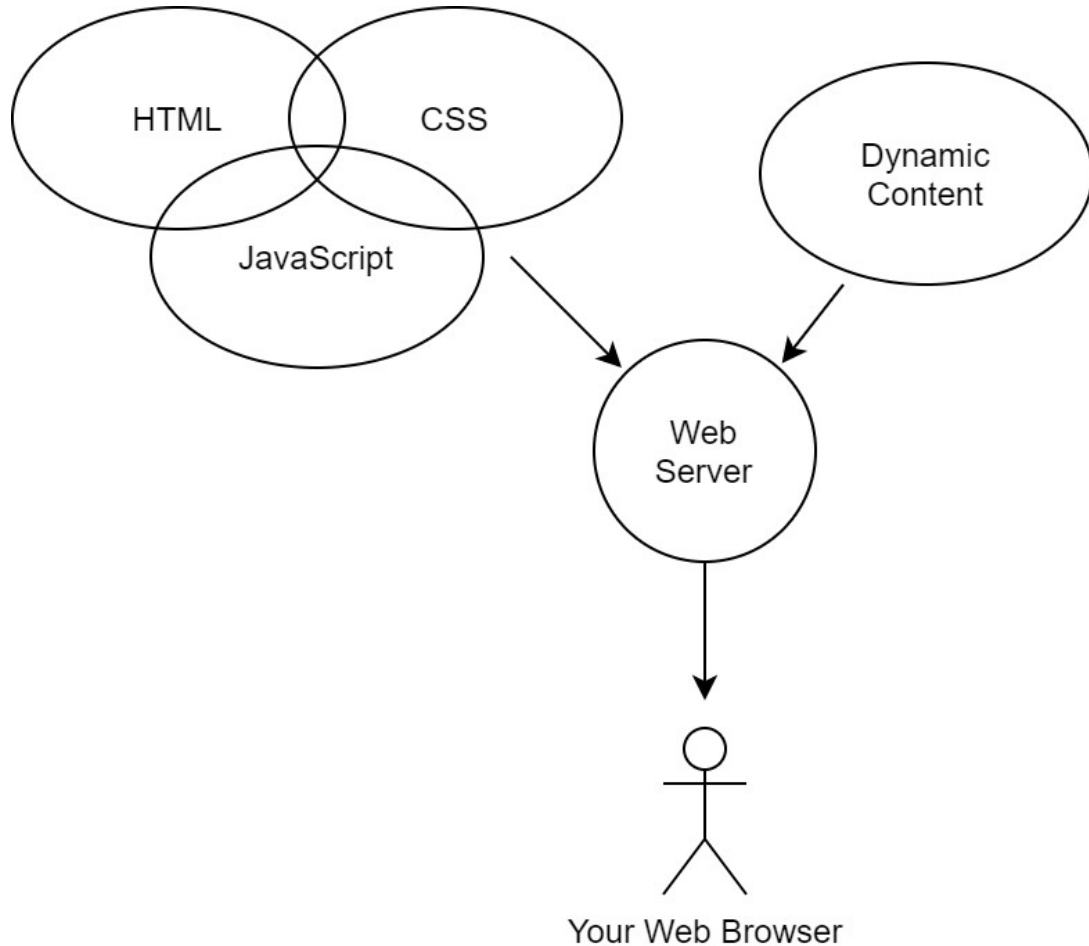
# History – Part One

- HTML was created in 1989 by Tim Berners-Lee at CERN
- HTML— Published June 1993 as an Internet Engineering Task Force (IETF) working draft by Tim Berners-Lee and Daniel Connolly
- HTML 2.0 — IETF RFC1866 November 1995 by Berners-Lee and Connolly — this defined much of the structure that we still use today
- HTML 3.2 – January 1997 — First standard published by the w3.org. Added tables and many of the features that IBM, Microsoft, Netscape and others had added to their browsers

# History – Part Two

- HTML 4.01 – December 1999 — Standardized scripting and introduced style sheets to HTML
- XHTML 1.0 – January 2000 & XHTML 1.1 – November 2010
- HTML5.2 — December 2017 — HTML5 “Recommendation”
- HTML Living Standard – May 2019 –  
w3.org and whatwg.org agree on an evolving standard.

# What Makes a Web Site Work?



# What is HTML

- Hyper Text Markup Language – The Living Standard
- <https://html.spec.whatwg.org/>
- The text, data, images, and content.
- Uses tags like  

```
<p>A paragraph of text goes here.</p>  
<hr>
```
- Semantic in nature.
- All nested inside `<html> </html>`

# What is CSS

- Cascading Style Sheets
- Many web pages (HTML documents) can share a common style
- CSS contain information and rules on how to display the semantic information in a web page.

- Format:

```
selector { style: value; ...} ...
```

- Can style a page differently on different types of devices and for special browsers.

# What is JavaScript

- JavaScript is a scripting (programming) language that allows for programs to be executed by the Web browser.
- ECMA publishes the standard
- <https://www.ecma-international.org/publications/standards/Ecma-262.htm>
- JavaScript runs in browsers, on servers, in many game engines, and lots of other environments.



# What is a Web Server

- Takes requests from the Web browser and sends the content to be displayed.
- It may send HTML, CSS, JavaScript, Images, Files, Streaming Media, XML, JSON, and much more.
- Server may also deliver dynamic content that is generated by programs running on the server.
  - Languages like: PHP, Perl, APS.NET, Java...
  - Databases like: Oracle, MySQL, SQL Server, Postgress...

# Thank you

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