Intro to Web Design and Computer Principles

CSCI-UA 4 005
3:30 PM - 4:45 PM
Professor Sarah Dahnke

Questions/Issues with i6, text editors, basic HTML?

HTML: Hypertext Markup Language

- A language for describing Web pages
- HTML is not a programming language, it is a markup language
- A markup language is a set of markup tags HTML uses markup tags to describe Web pages

Brief History of HTML

1990: Original HTML specification written by physicist, Tim Berners-Lee for cross-referencing documents

1993: First text-based browser, Lynx, released

1993: Mosaic browser released, adding images, nested lists, forms

1994: First World Wide Web conference held in Geneva

1995: Netscape is released

1994: The World Wide Web Consortium is formed, w3.org

The Browser Wars of the 90s

- In the mid-90s, Netscape Navigator was one of the only browser options for accessing the World Wide Web and definitely the most popular.
- 90% of computer users were using Windows machines, which did not come with Internet browsers. This meant you had to go purchase software to install a browser separately.
- In May of 1995, Bill Gates sent a memo to Microsoft employees titled "The Internet Tidal Wave," where he outlined plans to match and beat Netscape.
- This led to the development of the first version of Internet Explorer, which was built into Windows and took over the market.

Web Browsers

- Reads HTML documents and displays them as Web pages
- Web browsers do not display HTML tags, but use them to interpret the content of the page

Parts of an HTML Element

Follow along on [Codepen](#)

HTML Elements, continued

- All elements are surrounded by angle brackets: <html>
- Elements have opening and closing tags: <h1> and </h1>
- Opening and closing tags mark up text, images, and links to make them visible on a web page

Basic HTML Skeleton

- Refer to HTML skeleton with comments [here](#)
- Additional HTML [resources](#)

Homework

Read chapters 1-3 of HTML/CSS

Update your HTML page from Day 2 to include the following:

- A heading tag
- A list of things you like
- At least one image
- A link to an external website