

Quiz 1 Study Guide: Fall 2023

For your first quiz, you will be asked to complete a series of HTML and CSS tasks, which will be similar to the exercises you will complete in the practice quiz. To study for the quiz, please review the slides, required readings, and exercise files from Weeks 1-4. I have summarized the topics that you will be quizzed on below:

1. How the Web / Internet Work

Please be prepared to explain what the following terms mean and what they do / why they're important (in your own words).

- Browser
- Server
- Search engine
- Semantic tags
- Screen reader
- Domain name
- URL
- Relative v. absolute file paths
- The difference between the Internet and the Web

2. File Organization

- Know the naming conventions (**all lowercase**, no spaces, no special characters other than underscores and hyphens).
- Know how to specify **relative paths** (linking between files in different folders).
- Know the difference between **relative paths** and **absolute paths**.

3. HTML

- Know the HTML [Rules of Thumb](#)
- Be familiar with the basic HTML tags we've been working with, including:
 - [Images](#)
 - [Hyperlinks](#) (absolute, relative, and internal)
 - [Paragraph and header tags](#) (<h1>...<h6>)
 - Embedding [iFrames](#)
 - [Semantic tags](#) (<header>, <nav>, <section>, <article>, <footer>, <aside>)
 - [Ordered and unordered lists](#) (,)
- Know how to make a comment (<!-- your comment here -->)

- Know how to link to a style sheet
- Know what goes in the `<head></head>` section and what goes in the `<body></body>`.
- Know how to make an HTML file and a CSS file from scratch using VS Code (like you did in Tutorial 3).

4. CSS Basics

- Know the CSS [Rules of Thumb](#)
- Know how to use the following 5 selectors: id, class, element, descendent, direct child.
 - id example: `#myElement { ... }`
 - class example: `.myClass { ... }`
 - element example: `h1 { ... }`
 - descendent example: `nav a { ... }`
 - direct child example: `nav > a { ... }`

To Practice:

- Play the [CSS Diner Game](#)
- Review the CSS Selector slides ([Topic 5](#))
- Know how to set some common properties:
 - Box model properties (**width, height, padding, margin, border**)
 - Color properties (**color, background-color**)
 - Font properties (**font-family, font-weight, etc.**)
- Know how to make a comment (`/* your comment here */`).

5. Design & Accessibility Principles

- What are some of the principles of composition that should guide your website?
- What should you take into consideration when selecting colors? Fonts?
- Name some of the things you need to take into consideration when designing for accessibility?
- What are things you can do in your HTML to ensure that they're screen-reader compatible?