**HTML and CSS Basics Study Guide**

**Overview**

This study guide will help you prepare for the upcoming exam on the basics of HTML and CSS. The exam will consist of a variety of question types, including multiple choice, fill in the blank, code writing, and code review questions. Below, you'll find an outline of the topics covered in the exam along with some example questions to help you study.

**Topics Covered**

1. **HTML Basics**
   * Understanding HTML structure
   * Common HTML tags and their purposes
   * Attributes and their uses
   * Creating links and adding images
   * Lists: ordered and unordered
2. **CSS Basics**
   * Syntax and structure
   * Common properties (color, font-size, background, padding, margin)
   * Applying styles inline, internally, and externally
   * The box model
   * Selectors and specificity

**HTML Tags and Attributes to Know**

* **HTML Tags:**
  + <html>: Defines the root of an HTML document.
  + <head>: Contains meta-information about the document.
  + <title>: Sets the title of the document.
  + <body>: Defines the body of the document.
  + <h1> to <h6>: Define HTML headings.
  + <p>: Defines a paragraph.
  + <a>: Defines a hyperlink.
  + <img>: Embeds an image.
  + <ul>: Defines an unordered list.
  + <ol>: Defines an ordered list.
  + <li>: Defines a list item.
  + <div>: Defines a division or section.
  + <span>: Used to group inline-elements in a document.
* **HTML Attributes:**
  + href: Specifies the URL of a link.
  + src: Specifies the URL of an image.
  + alt: Provides alternative text for an image.
  + class: Assigns a class name to an element.
  + id: Assigns a unique identifier to an element.
  + style: Adds inline styles to an element.
  + type: Specifies the type of an input element.

**CSS Properties to Know**

* **Color and Background:**
  + color: Sets the color of text.
  + background-color: Sets the background color of an element.
  + background-image: Sets the background image for an element.
* **Text:**
  + font-size: Sets the size of the font.
  + font-family: Sets the font family.
  + font-weight: Sets the weight (boldness) of the font.
  + text-align: Sets the horizontal alignment of text.
  + text-decoration: Adds decoration to text (underline, overline, etc.).
* **Box Model:**
  + margin: Sets the outer margin of an element.
  + padding: Sets the inner padding of an element.
  + border: Sets the border around an element.
  + width: Sets the width of an element.
  + height: Sets the height of an element.
* **Layout:**
  + display: Specifies the display behavior of an element (block, inline, none, etc.).
  + position: Specifies the positioning method of an element (static, relative, absolute, fixed).
  + float: Specifies whether an element should float to the left, right, or not at all.

**Question Types**

1. **Multiple Choice Questions**
   * These questions will test your knowledge of HTML and CSS concepts.
   * **Example:** What does HTML stand for?
     + a. Hyper Text Markup Language
     + b. Home Tool Markup Language
     + c. Hyperlinks and Text Markup Language
     + d. Hyperlinking Textual Markup Language
2. **Fill in the Blank Questions**
   * These questions require you to recall specific terms and concepts.
   * **Example:** The HTML attribute used to provide alternative text for an image is \_\_\_\_\_\_\_\_\_\_.
3. **Code Writing Questions**
   * You'll be asked to write HTML or CSS code snippets based on given requirements.
   * **Example:** Write the HTML code to create an ordered list with three items: Cat, Dog, Fish.
4. **Code Review Questions**
   * These questions will present you with code snippets to review and correct or explain.
   * **Example:** Review the following HTML code and correct any errors:

html

<hmtl>

<head>

<title>Sample Page</title>

</head>

<body>

<h1>Welcome!</h1>

</body>

</html>

**Study Tips**

* **Review HTML and CSS basics:** Make sure you understand the structure and purpose of HTML and CSS. Revisit your notes and any assignments or projects you’ve completed.
* **Practice writing code:** Write out examples of HTML and CSS code by hand. This will help reinforce your understanding and prepare you for the code writing questions.
* **Work through examples:** Use online resources like W3Schools or MDN Web Docs to find additional examples and explanations.
* **Test yourself:** Create your own practice questions or have a study group quiz each other on different topics.

**Additional Resources**

* https://www.w3schools.com/html/
* https://www.w3schools.com/css/
* [MDN Web Docs on HTML](https://developer.mozilla.org/en-US/docs/Web/HTML)
* [MDN Web Docs on CSS](https://developer.mozilla.org/en-US/docs/Web/CSS)

**Advisory on What to Expect**

* **Multiple Choice:** Focus on understanding the definitions and purposes of different HTML tags and CSS properties.
* **Fill in the Blank:** Be prepared to recall specific terms and their applications.
* **Code Writing:** Practice writing code for common HTML elements and basic CSS styling.
* **Code Review:** Understand common mistakes and how to correct them. Be able to explain what given code does and suggest improvements.

Good luck with your studying! Make sure to review all the materials and practice as much as possible. If you have any questions, don't hesitate to reach out for help.