

ACCOUNTING PRINCIPLES 16TH EDITION FOR PARTINERSHIP Updated Version

principles of html xhtml and dhtml form the foundation of modern web development, guiding how developers structure, style, and add interactivity to websites. Understanding these principles is crucial for creating accessible, maintainable, and standards-compliant web pages. HTML, XHTML, and DHTML are related technologies that, while sharing common goals, differ in syntax, capabilities, and implementation strategies. This article explores the core principles that underpin each of these web technologies, highlighting their similarities, differences, and best practices for effective web development.

Understanding HTML: The Backbone of the Web

HTML (Hypertext Markup Language) is the standard markup language used to create web pages. It provides the basic structure of sites, allowing developers to define elements such as headings, paragraphs, links, images, and more. The primary principles of HTML focus on simplicity, accessibility, and compatibility.

Core Principles of HTML

- **Semantic Markup:** Use meaningful tags that clearly describe the content they enclose (e.g., `<h1>`, `<p>`, `<a>`). This improves accessibility and SEO.
- **Structure and Hierarchy:** Organize content logically with proper nesting of elements to reflect the document's structure.
- **Separation of Content and Presentation:** Keep content separate from styling, typically through CSS, to enhance maintainability.
- **Accessibility:** Ensure content is accessible to all users, including those using assistive technologies, by using appropriate tags and attributes.
- **Compatibility:** Write code that works across different browsers and

