

Creating a website with AGIJA HTML code for web development.

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Abstract—Hypertext Markup Language (HTML) is essential for creating structured and interactive websites, and this paper provides a comprehensive approach to building a simple site with HTML, covering its core elements, best practices, and its role alongside CSS and JavaScript, while also discussing its applications and limitations in modern web development.

Index Terms— HTML, CSS, JAVASCRIPT

I. INTRODUCTION

Web development, rooted in HTML as a markup language that structures and styles webpages, has become an essential skill in the digital era, and this essay explores its significance through the creation of a simple website.

II. OVERVIEW

HTML is a markup language that uses tags to structure content, with key components including the Doctype Declaration, a root element for the entire document, a head section for metadata, and a body section for visible content like headings and links.

III. METHODOLOGIES

A. Determine the website's purpose

Be it informational, a blog, or a portfolio—while preparing the necessary text, images, and links for content.

B. Creating the HTML Document

The basic steps include:

- Setting up the HTML structure:

```
```html
```

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-
width, initial-scale=1.0">
 <title>Sample Website</title>
</head>
<body>
 <header>
 <h1>Welcome to My Website</h1>
 </header>
 <nav>
 About
 Contact
 </nav>
 <section id="about">
 <h2>About Me</h2>
 <p>This is a sample website built with HTML.
</p>
 </section>
 <footer>
 <p>© 2025 My Website</p>
 </footer>
</body>
</html>
```
```

C. If Multimedia is added

```
Images: ``
- Videos: `<video controls><source src="video.mp4"
type="video/mp4"></video>`
```

D. JavaScript and CSS is used to increase

While HTML is the main topic of this article, JavaScript provides interaction and CSS enhances visual appeal.

IV. FINAL RESULTS

This code will produce the following elements:

1. A title displayed in the header.
2. Navigation links.
3. Sections for articles, including "About" and "Services."
4. A copyright statement located in the footer.

V. CONCLUSIONS

The foundational phase of website development relies heavily on HTML, which remains a vital component of web development. It is imperative for developers to understand its functionalities and architecture. Future studies may focus on the integration of HTML with modern frameworks and tools to enhance online user experiences.

VI. IMPLEMENTATIONS OF THE SOLUTION

The development of HTML5 paves the way for advanced web applications by incorporating innovative technologies such as the canvas element for graphics, geolocation APIs, and enhanced multimedia capabilities.

VII. ACKNOWLEDGMENT

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