Using SANAM HTML code for web development to create a website

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Abstract— **This paper provides a comprehensive approach to using Hypertext Markup Language (HTML) to create a simple website, going over its essential elements, recommended practices, and how it works with CSS and JavaScript. Additionally, it talks about HTML's uses and limitations in modern web development. For webpages to be structured and interactive, HTML is required.**

Index Terms— **HTML, CSS, JAVASCRIPT**

I. INTRODUCTION

In the digital age, web development—which is based on HTML as a markup language that organizes and creates webpages—has become a crucial ability. This essay examines the importance of web development by building a basic website.

II. OVERVIEW

HTML is a markup language that organizes data using tags. The Doctype Declaration, the document's root element, the head section for metadata, and the body section for visible content—which includes headers and links—are its essential parts.

III. METHODOLOGIES

3.1 As you prepare the required text, photographs, and links for the content, decide if the website is intended to be an informational, portfolio, or blog.

3.2 Producing the HTML File The basic activities include: Setting up HTML's structure:

```
``{html \!DOCTYPE html>
<html lang="en">
<head>    \meta    charset="UTF-8">    \meta
name="viewport"    content="width=device-width,
initial-scale=1.0"> This is a sample website.
</head>
<body> \header>
<h1>
</title>Greetings from my website.
</h1>
</header> \nav> \a href="#about">Concerning /a>
<a    href="#contact">Make    contactSection
id="about">
 <h2>
</a> \/nav>About Me <p>
This is an example of an HTML-based website.My
Website </p> </section> \footer> <p>&copy; 2025
</body>
</footer>
 </html> ```
```

3.3 If multimedia is THERE, Video: `<video controls><source src="video.mp4" type="video/mp4"></video>` - Images: `\img src="image.jpg" alt="Description">` 3.4 The use of CSS and JavaScript improves Although this essay mostly focusses on HTML, CSS improves visual appeal and JavaScript provides interaction.

IV. FINAL RESULTS

HTML is still used extensively at the foundational stage and is still an essential part of web development. Developers must comprehend its characteristics and architecture. Future research can concentrate on how to improve online user experiences by integrating HTML with contemporary frameworks and tools.

VI. IMPLEMENTATIONS OF THE SOLUTION

HTML5 incorporates state-of-the-art technology such as geolocation APIs, the canvas element for graphics, and improved multimedia capabilities to enable more complex online applications.

VII. ACKNOWLEDGMENT

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