



Experiment 1

Aim: To study and implement the terms in HTML

Theory:

INTRODUCTION TO HTML

HTML stands for Hyper Text Markup Language. It is the standard markup language for creating Web pages. It describes the structure of a Web page. It consists of a series of elements in the form of tags, attributes and its values. Elements of HTML tells the browser how to display the content.

ELEMENTS:

The HTML element is everything from the start tag to the end tag:

`<tagname> Content goes here...</tagname>`

ATTRIBUTEs:

HTML attributes provide additional information about HTML elements. Attributes are always specified in the start tag.

Attributes usually come in name/value pairs like: `name="value"`

HYPERLINK:

The href Attribute, `<a>` tag defines a hyperlink. The href attribute specifies the URL of the page the link goes to:

` VCET `

FORMATTING :

Formatting elements were designed to display special types of text:

1. Bold - ``
2. Paragraph: `<p> This text is normal</p>`
3. Italics - `<i></i>`
4. Underline - `<u></u>`
5. Subscript tag - ``



Code:

```
<!DOCTYPE html>

<html>

<head>

  <title>Updated Page Title</title>

</head>

<body>

  <header>

    <h1>Welcome to Our Website</h1>

    <nav>

      <ul>

        <li><a href="#">Home</a></li>

        <li><a href="#">About Us</a></li>

        <li><a href="#">Contact Us</a></li>

      </ul>

    </nav>

  </header>

  <main>

    <article>

      <h2>Welcome to Our Blog</h2>

      <p>Welcome to our blog where you can find interesting articles and updates. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.</p>

      <section>

        <h3>Latest Article</h3>

        <p>Check out our latest article on a fascinating topic. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.</p>

      </section>

    </article>

    <aside>

      <h3>Related Links</h3>

      <ul>
```



```
<li><a href="#">Link 1</a></li>
<li><a href="#">Link 2</a></li>
<li><a href="#">Link 3</a></li>
</ul>
</aside>
</main>
<footer>
  <p>© 2023 YourWebsite.com</p>
</footer>
</body>
</html>
```

Output:

Welcome to Our Website

- [Home](#)
- [About Us](#)
- [Contact Us](#)

Welcome to Our Blog

Welcome to our blog where you can find interesting articles and updates. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.

Latest Article

Check out our latest article on a fascinating topic. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.

Related Links

- [Link 1](#)
- [Link 2](#)
- [Link 3](#)

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Conclusion: Developers frequently use HyperText Markup Language (HTML), notably those in the web design industry. It is developer-friendly because it is not case-sensitivity language.