



### 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:

`<a href =https://vcet.edu.in/> VCET </a>`

##### FORMATTING :

Formatting elements were designed to display special types of text:

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



### Code:

```
<!DOCTYPE html>

<html>

<head>

  <title>Page Title</title>

</head>

<body>

  <header>

    <h1>Page Heading</h1>

    <nav>

      <ul>

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

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

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

      </ul>

    </nav>

  </header>

  <main>

    <article>

      <h2>Article Heading</h2>

      <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.</p>

      <section>

        <h3>Section Heading</h3>

        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.</p>

      </section>

    </article>

    <aside>

      <h3>Related</h3>

      <ul>
```



```
<li><a href="#">Related link 1</a></li>
<li><a href="#">Related link 2</a></li>
<li><a href="#">Related link 3</a></li>
</ul>
</aside>
</main>
<footer>
  <p> Footer</p>
</footer>
</body>
</html>
```

**Output:**

---

## Page Heading

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

## Article Heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.

### Section Heading

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### Related

- [Related link 1](#)
- [Related link 2](#)
- [Related link 3](#)

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**Conclusion:**