HTML

What is HTML

HTML stands for Hyper Text Markup Language
HTML is the standard markup language for creating Web pages
HTML describes the structure of a Web page
HTML consists of a series of elements
HTML elements tell the browser how to display the content
HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

HTML Tag

HTML uses predefined tags that tell the browser how to display the content. Tags are nothing but some instructions that are enclosed in angle braces **(i.e., < >).** Tags are used in many places of the webpage but many users are often confused about some tags whether it is a container or an empty tag. They get this confusion because they don't know for what tag there should be an ending tag along with the opening tag or not. There are two types of tags in HTML**:**

- ✓ Container Tag
- ✓ Empty Tag

Container Tag

Container tags are generally divided into three parts, **i.e.,** opening tag, content (which will display on the browser), and closing tag.

Syntax:
<tag_name> …………</tag_name>
Example:<h1>……..</h1>, <p>….</p>, …., <i>….</i>, <u>….</u>   etc.

Empty Tag

The tags that do not contain any closing tags are known as empty tags. Empty tags contain only the opening tag but they perform some action in the webpage.

Syntax:
<tag_name>
Example:

, <hr>, <img> etc.

HTML Editors

Notepad is the HTML Editor. Or you can use any text editor as a html editor. Just when you save the file use **.html** or **.htm** extension.

HTML Elements

The HTML element is everything from the start tag to the end tag:
<tagname>Content goes here...</tagname>

Examples of some HTML elements:
<h1>My First Heading</h1>
<p>My first paragraph</p>

HTML Attributes

- ✓ All HTML elements can have attributes

✓ Attributes provide additional information about elements
✓ Attributes are always specified in the start tag
✓ Attributes usually come in name/value pairs like: name="value"

The href Attribute

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

Example

Visit YCSD

Try it Yourself »

All the attribute details are given in the last section of these study material…...Try all of these yourself.

Body Tag

<html>
<head>
<title>Title of the document</title>
</head>
<body>
This is my first webpage.
</body>
</html>

> **Output**
>
> This is my first webpage.

Bold Tag

<html>
<body>
This is normal text - ****and this is bold text****
</body>
</html>

> **Output**
>
> This is normal text - **and this is bold text.**

Italic Tag

<html>
<body>
This is normal text - **<i>**and this is Italic text**</i>**
</body>
</html>

> **Output**
>
> This is normal text - *and this is Italic text.*

Underline Tag

<html>
<body>
This is normal text - **<u>**and this is Underline text**</u>**
</body>
</html>

> **Output**
>
> This is normal text - <u>and this is Underline text.</u>

Heading Tag

<html>
<body>
<h1>This is heading 1**</h1>**
<h2>This is heading 2**</h2>**
<h3>This is heading 3**</h3>**
<h4>This is heading 4**</h4>**
<h5>This is heading 5**</h5>**
<h6>This is heading 6**</h6>**
</body>
</html>

> **Output**
>
> # This is heading 1
> ## This is heading 2
> ### This is heading 3
> #### This is heading 4
> ##### This is heading 5
> ###### This is heading 6

Paragraph Tag

```
<html>
<body>
<h1>The p element</h1>
<p>This is a paragraph.</p>
<p>This is a paragraph.</p>
<p>This is a paragraph.</p>
</body>
</html>
```

Output

The p element

This is a paragraph.

This is a paragraph.

This is a paragraph.

Font Tag

```
<html>
<body>
<font size = "10" color = "red">
This is a paragraph.</font><br>
<font size = "5" face = "impact">
This is another paragraph.</font>
</body>
</html>
```

Output

This is a paragraph.

This is another paragraph.

Line Break Tag

```
<html>
<body>
<h1>The br element</h1>
<p>To force<br> line breaks<br> in a text,<br> use
the br<br> element.</p>
</body>
</html>
```

Output

The br element

To force
line breaks
in a text,
use the br
element

Mark Tag

```
<html>
<body>
<h1>The mark element</h1>
<p>Do not forget to buy
<mark>milk</mark>today.</p>
</body>
</html>
```

Output

The mark element

Do not forget to buy milk today.

Marquee Tag

```
<html>
<body>
<marquee>This text will go right to left.</marquee>
</body>
</html>
```

Output

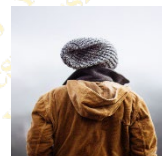This text will go right to left.

Image Tag

```
<html>
<body>
<h1>The img element</h1>
<img src="img_girl.jpg" alt="Girl in a jacket"
width="200" height="200">
</body>
</html>
```

Output

The img element

OLTag (Ordered list)

```html
<html>
<body>
<h1>The ol element</h1>
<ol>
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li>
</ol>
<ol start="50">
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li>
</ol>
</body>
</html>
```

Output

The ol element

1. Coffee
2. Tea
3. Milk

50. Coffee
51. Tea
52. Milk

Ul Tag (Unordered list)

```html
<html>
<body>
<h1>The ul element</h1>
<ul>
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li>
</ul>
</body>
</html>
```

Output

The ul element

- Coffee
- Tea
- Milk

Space Tag

```html
<html>
<body>
&nbsp&nbsp&nbsp Coffee <br>
Tea <br>
Milk
</body>
</html>
```

Output

   Coffee
Tea
Milk

Table Tag

```html
<html>
<body>
<h1>The table element</h1>
<table border = "2px">
<tr>
<th>Month</th>
<th>Savings</th>
</tr>
<tr>
<td>January</td>
<td>$100</td>
</tr>
<tr>
```

Output

The table element

Month	Savings
January	$100
February	$80

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For Access Entire Study Materials

For Student

Please Ensure Your Enrollment Verification

ENROLLMENT VERIFICATION

Student Registration No.

Date Of Birth

Check Now

For Franchise

Please Login Via Franchise Id & Password

CENTER LOGIN

User Name

Password

Login

Thank You for Visiting Us

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