Basics of Web Technology

2ES109

Practical-3

To study about the HTML formatting tags.

What is HTML Formatting Tags?

- Process of formatting text for better look and feel.

- HTML provides ability to format text without using CSS.

- Many formatting tags are available to make text bold, italic, small, big or underlined.

- Formatting tag always comes in pairs.

- Writes content between the opening and closing tags.

BOLD, ITALIC AND UNDERLINE TAGS

- The <Bold >, Italics <I>and Underline tags are container tags that can be used to emphasize the text.

- **<B> Tag:** It is used to make the text appear in bolder font compared to the normal body text.

- **<I> Tag:** It is used to make the text appear italicized.

- **<U> Tag:** It is used to underline the text

Practical-3 [Exercise-1]

- Write a HTML Code to display different attributes: Italic, Bold, and Underline.

- Solution :

- Use Tag : <html> ,<head> ,<body> ,html Heading Tag,<p> ,<i>,<b>,<u>

HTML Formatting tags

Tags	Description	Syntax	Output
<small>	Smaller Text	<small> Small Text <small>	Small Text
<big>	Bigger Text	<big> Bigger Text</big>	Bigger Text
<big>	Bigger Text	<big> Bigger Text</big>	Bigger Text
<sub>	Subscript Text	H₂SO₄	H_2SO_4
<sup>	Superscript Text	n*n = n²	n*n = n^2

HTML Formatting tags

Tags	Description	Syntax	Output
	Strong Text	Important Text	**Important Text**
<ins>	Inserted Text	<ins>Inserted Text</ins>	<u>Inserted Text</u>
<del>	Deleted Text	<del> Deleted Text</del>	~~Deleted Text~~
<mark>	Marked Text	Welcome to <mark>MOOC</mark>	Welcome to MOOC
	Emphasized Text	Emphasized Text	*Emphasized Text*

HTML Formatting tags

Tags	Description	Syntax	Output
<dfn>	Definition	<dfn>HTML</dfn>is a standard Markup Language	*HTML* is a standard Markup Language
<pre>	Preformatted Text	<pre> A B</pre>	A B
<kbd>	Keyboard Input	<kbd>Ctrl</kbd> + <kbd>B</B></kbd>	Ctrl+b
<code>	Display computer code		

HTML <blockquote> tag

- <blockquote> tag is used to define long quotes inside the document.

- Specify the section that is quoted from other source.

- Browsers usually indent <blockquote> elements.

- This is a block-level element and can include tags for text formatting.

- **Attribute**: cite - url

HTML <blockquote> tag

```html
<body>

    <blockquote cite = "https://www.isro.gov.in/chandrayaan2-home-0">

    Chandrayaan-2 mission is a highly complex mission, which represents a

    significant technological leap  compared to the previous  missions of ISRO,

    which brought together an Orbiter, Lander and Rover with     the goal of

    exploring south pole of the Moon.

    </blockquote>

    </body>
```

HTML <q> tag

- <q> tag is used to define short quotation.
- If you will put any content between <q> .... </q>, then it will enclose the text in double quotes.
- Program:

  <body>

  <p><p>WWF's goal is to:

  <q>Build a future where people live in harmony with nature.</q>

  We hope they succeed.</p>

  </body>

Practical-2 [Exercise-2]

- Create a HTML Page to Show different text formatting attributes

- **Solution :**

- IncludeTags:

- <big>,<small>,<ins>,<del>,<sup>,<sub>,<strong>,<em>,<mark>,<blockquote>, <q>

Practical-2 [Exercise-2]

Ganpat University

BIGGER TEXT : UVPCE

SMALLER TEXT :U.V.Patel College of Engineering

INSERTED TEXT : U.V.Patel College of Engineering and technology <u>Kherva</u>

STRIKE/DELETED TEXT : U.V.Patel College of Engineering ~~and technology~~

MARKED TEXT :

U. V. Patel College of Engineering (GUNI-UVPCE) is situated in <mark>Ganpat Vidyanagar campus.</mark>

EMPHASIZED TEXT :

College website link is *https://www.uvpce.ac.in/*

SUPERSCRIPT AND SUBSCRIPT TEXT :

The $^{\text{U.V.Patel College of Engineering}}$ $_{\text{(UVPCE)}}$

BLOCKQUOTE TAG :

MISSION STATEMENT:

"Seek, search and offer programs that lead to symbiotic emergence of 'academic excellence' and 'industrial relevance' in education and research"

SHORT QUOTATION TAG :

IT Department of Information Technology was established in the year 1997, with the objective of " quality education in the field of Information Technology "

Practical-2 [Exercise-3]

- Create a HTML Page to Show different text formatting attributes

- **Solution**:

- <code>,<dfn>,<kbd>,<pre>,<blockquote>,<q>

Practical-2 [Exercise-3]

Web Technology

Web technology involves the use of "hypertext markup language (HTML) and cascading style sheets (CSS)"

Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser

`Ctrl + B` used to bold text

Structure of HTML Page

```
HTML TAG
    HEAD TAG (SECTION-1)
            TITLE TAG
    HEAD TAG ClOSED
    BODY TAG (SECTION-2)
    BODY TAG ClOSED
HTML TAG ClOSED
```

HTML Code Tag

```
body { color: yellow; font-size: 16px; line-height: 1.5; }
```