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Course:- "CCA"

Course Title:- Web Technologies

Sub Title:- Introduction to HTML

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Introduction to HTML

⇒ Introduction:- HTML (Hypertext markup language) is used to create a document on the World Wide web. It is simply a collection of certain key words called Tags that are helpful in writing the document to be displayed using a browser on Internet.

It is a platform independent language that can be used on any platform such as Windows, Linux, Macintosh and so on.

To display a document in web it is essential to make up the different elements (headings, paragraphs, tables and so on) of the document with HTML tags.

To view a mark up document user has to open the document in browser. A browser understands and interprets the HTML tags, identifies the structure of the document (which part are which) and makes decisions about presentation (how the parts look) of the document.

HTML also provides the tags to make the document look attractive using graphics, font size and colours. User can make a link to the other document by creating hypertext links also known as Hyperlinks.

→ OBJECTIVES!

After going through this lesson, you would be able to

- Create, save and view a HTML document.
- format of web page using section heading tags.
- Describe ordered and unordered lists.
- Explain graphics in HTML document.
- Describe Hypertext links and making text / image links.

⇒ Creating, Saving and Viewing a HTML Document!

→ Creating a HTML document:-

The essential document tags that are required to create a HTML document are:

- `<HTML> - - - </HTML>`
 - `<HEAD> - - - </HEAD>`
 - `<BODY> - - - </BODY>`
- Starting Tag

→ HTML Tag `<HTML>`

The `<HTML>` tag enclose all other HTML tags and associated text within your document that omits these tags and your browser can still read it and display it.
But it is always a good

BGCOLOUR: Used to the ~~text~~ set the background colour for the document.

Example:-

`<BODY BGCOLOUR="Yellow">`

Your document text goes here,

`</BODY>`

TEXT: Used to set the colour of the text of the document.

e.g: `<BODY TEXT="red">`

Document text changed to red colour

`</BODY>`

for Control and formatting
of the Page.

The Format is

<BODY>

Your document goes here

</BODY>

An HTML document, web
Page can be created using
a text editor Notepad
or wordpad. All the HTML
documents should have the
extension .htm or .html. It
requires a web browser
like Internet Explorer or
Netscape Navigator / Communicator
to view the document.

→ Attributes used with <BODY>

form to include the start and stop tags.

The format is
<HTML>

Your title and Doc.
(Contains text with HTML tags goes here)

Most HTML tags have two parts an opening tag and closing tags. The closing tags in the same as the opening tags, except for the slash mark e.g. </HTML>. The slash mark is always used in closing tags.

An HTML doc. has two distinct parts HEAD and Body

→ HEAD Tag <HEAD>

Head tag Come after the HTML start tag.

It contains title tag to give the document a little that displays on the browser's little bar at the top.

The format is

```
<HEAD>
```

```
<TITLE>
```

Your title goes here

```
</TITLE>
```

```
</HEAD>
```

→ BODY TAG <BODY>

The body tag contains all the text and graphics of the document with all the HTML tags that are used.

This document is intended
6 pixels from the top
of the page

</BODY>

- **BACK GROUND:** It is used to point to an image file (the files with an extension .GIF, JPEG) that will be used as the background. The image file will be tiled across the document.

Example:

```
<BODY BACKGROUND="file.png">  
Your document text goes here  
</BODY>
```

Example:- An HTML document attribute, html that shows the use of attributes with the <BODY> tag.

- **MARGINS!** Set the left hand/right hand margin of the document.
- **Leftmargin:** Set the left hand margin of the document.

Example

```
<Body leftmargin="60">
```

This document is intended
to pixel from the left
hand side of the page
</BODY>

- **TOPMARGIN!** Set the left hand margin of the document

Example:

```
<BODY TOPMARGIN="60">
```