Topic : HTML 5 - intro.
Session : 1

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Topics

- **HTML**
  - **HTML Introduction.**
  - **Basic HTML Document Structure.**
  - **Basic Elements**
  - **Attributes – Core Attributes**
  - **Basic Formatting**
  - **Meta Tag – SEO**
  - **Comments**

HTML - Introduction...

- HTML stands for Hypertext Markup Language, and it is the most widely used language to write Web Pages.

- Hypertext refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a webpage is called Hypertext.

- HTML is a Markup Language which means you use HTML to simply "mark-up" a text document with tags that tell a Web browser how to structure it to display.

HTML – Basic Structure …

- Simple HTML Document…
  – Basic HTML Sturucture…

```
<!DOCTYPE html>/* Mentions HTML Doc Type*/
<html>
  <head>
    <title>Document Title Content</title>
  </head>
  <body>
    <h1>Page Heading</h1>
    <p>Paragraph Content Come here/p>
  </body>
</html>
```

HTML – Basic Elements…

- ➢ Heading Tags…
  - ➢ <h1>, <h2>, <h3>, <h4>, <h5>, and <h6> show Headings.
- ➢ Paragraph Tag…
  - ➢ <p> tag offers a way to structure your text into different paragraphs.
- ➢ Line Break Tag…
  - ➢
 element, anything following it starts from the next line.
- ➢ Centering Content …
  - ➢ <center> tag put any content in the center of the page.
- ➢ Horizontal Lines…
  - ➢ <hr> tag creates a line from the current position.
- ➢ Preserve Formatting…
  - ➢ <pre> tag will preserve the formatting of the source document.

HTML - Attiributes...

- Attributes provide additional information about HTML elements.
  - ➢ All HTML elements can have attributes
  - ➢ Attributes provide additional information about an element
  - ➢ Attributes are always specified in the start tag
  - ➢ Attributes usually come in name/value pairs like: name="value".
  - – Basic Attribute Example...

    /* Attribute to create hyperlink*/

    Go to Google

HTML – Core Attribute...

➤ Id Attribute ...

   ➤ Used to uniquely identify any element.

➤ title Attribute ...

   ➤ gives a suggested title for element.

           `<h3 title = "Any Text!">Headline</h3>`

➤ class Attribute ...

   ➤ used to associate an element CSS.

➤ style Attribute...

   ➤ allows to set CSS rules within the element.

           `<p style ="color:#FF0000;">Any Text</p>`

-There are other Attributes Based on Functionality...

HTML – Basic Formatting…

➢ Basic Text Formats…

  ➢ … element, is displayed in bold.

  ➢ <i>…</i> element is displayed in italicized.

  ➢ <u>…</u> element, is displayed with underline.

  ➢ <strike>…</strike> element is displayed with strikethrough.

  ➢ […] element.

  ➢ _… element.

  ➢ <big>…</big> displays one font size larger surrounding.

  ➢ <small>…</small> displays one font size Smaller surrounding.

  ➢ <mark>…</mark> element defines marked or highlighted.

-etc…

HTML – Meta Tag...

➢ metadata - additional important information, no Closing Tag...

   ➢ Specified in <head>...</head>.

   ➢ used by the search engines while indexing.

   <meta name = "keywords" content = "HTML, Meta Tags, Metadata" />

   <meta name = "description" content = " any Information about" />

   /* Automatically Refresh Page after mentioned Secs*/

   <meta http-equiv = "refresh" content = "5;url='http://www.google.co.in'" />

-etc...

HTML – Comments…

➢ HTML comments are placed in between
 <!-- ... --> tags…

/* Data about the document inside Comment*/

<head>

                           <!-- Document Header Starts -->

          <title>This is document title</title>

                           <!-- Document Header Ends -->

</head>

-Multiple line Comment Works in the Same Way…

                                             -etc…

End Of Session