

Date : Assignment - 1
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i) What is HTML?

Ans: HTML stands for HyperText Markup language. It is the standard language used to create and design webpages. HTML provides the basic structure of a webpage, which can be enhanced using CSS (for styling) and Javascript (for interactivity).

ii) History of HTML?

Ans:

1991 - HTML was created by Tim Berners-Lee, a scientist at CERN.

1995 - HTML 2.0 was released, standardizing early Web practice.

1997 - 1999: HTML 3.2 & 4.01 introduced more tags and styling options.

2014 - HTML 5 was officially released with support for audio, video, and semantic elements like <header>, <footer>, <article>, etc.

Today, HTML 5 is the current standard and widely used for modern web application development.

iii) Why HTML is used?

Ans * To structure Web Page using elements like headings, paragraph, lists, tables, etc.
* To display multimedia content like image, videos, and audio.

- * To link pages together using hyperlinks.
- * To create forms upon user input.
- * To build the foundation for websites, which can be styled with CSS and made interactive with JavaScript.

4] Understanding Basic HTML Structure.

Note: HTML documents use specific elements to define their structure:

| Element | Description |
|-----------------|---|
| <!DOCTYPE html> | Declares the document type and version of HTML (HTML5). |

<html> The root element that wraps all the content of the page.

<head> Contains metadata such as title, character set, and links to CSS or JS files.

<body> Contains the visible content of the webpage, such as text, image, and links.

5] A simple HTML Page:-

<!DOCTYPE html>

<html>

<head>

<title> My First Web Page </title>

</head>

<body>

<h1> Welcome To My Website </h1>

<p> This is a simple HTML Page created for Practice. </p>

<body>

</html>

6] Explain the Root Element:-

Ans The <html> elements is the root of every HTML document.

* It wraps both <head> & <body> Section

* It can include a lang attribute (e.g., <html lang="en">) to specify the document language.

Example:

<html lang="en">

...

</html>

7] Container Elements: <div> & <Section>:-

Ans: Container Elements are used to group & organize Content.

i) <Div> (Division):-

A generic Container used to group Content for Styling or Scripting.

Eg:-

<div>

<h2> About Me </h2>

<p> I am learning Web Development. </p>

</div>

ii) <Section> :-

A Semantic Container used to represent a Section of related content.

Eg:-

<Section>

<h2> My Projects </h2>

<p> Here are some of my works. </p>

</Section>

8) Directive Grouping Content :-

<!DOCTYPE html>

<html>

<head>

<title> Content Grouping Example </title>

</head>

<body>

<Section>

<h1> Welcome </h1>

<p> This is a grouped Section using the <lt;> section ></tag>. </p>

</Section>

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<div>

<h2> Contact Info </h2>

<p> Email: example@gmail.com </p>

</div>

</body>

</html>