

PPT Program Assignment

Web Development Assignment -1

Answer 1: `<!DOCTYPE html>` is not a tag in html. It is a declaration called the Document Type Declaration. It is used to specify the version of HTML being used in a document. It informs the web browser about rules and regulations that should be applied when rendering HTML content.

Answer 2: Semantic tags in HTML are a set of elements that provide specific meaning and structure of web content. These tags are designed to show the purpose of content they enclose. There are many tags like `<header>`, `<footer>`, `<nav>`, `<section>`, `<main>` etc. It would be easily readable and clarify the code and help to remain content well structured.

Answer 3: HTML tags : HTML tags are used to mark up and enclose content and they are represented by angled brackets (`<` `>`). They define the structure and behavior of the elements within a HTML document. There are two types of HTML tags, first one is written in opening tag and closing tag like `<p>` tag used for paragraph and `</p>` used to close tag of paragraph. Second one is a self closing tag like `` tag, they do not need to close the tag.

HTML Element : HTML elements are created by using HTML tags. It contains opening tags, content like `<p>` Hello World `</p>`. Here `<p>` is the opening tag and Hello World is content and the closing tag is `</p>`. This whole line is an HTML element.

Answer 4 : [Github Repo Link](#)

Answer 5 : [Github Repo Link](#)

Answer 6 : There are some advantages of HTML5 over its previous version. HTML5 supports multimedia like `<video>` and `<audio>` tags. HTML5 introduced `<canvas>` element, which allows dynamic rendering of 2D graphics and animation without plugins. HTML5 improved form validation also in url, date or email. HTML5 introduced a new set of elements like `<header>`, `<footer>`, `<nav>` and `<section>` for better code readability and well structured. It introduced `localStorage` and `sessionStorage` to store data locally and offline. HTML5 improves performance and capability for better error handling, code optimization and script handling.

Answer 7 : [Github Repo Link](#)

Answer 8 : The `` tag is used to display an image on a webpage and `<figure>` tag is used to group content like an image with its caption.

Answer 9 : HTML Tag: An HTML tag represents an element or a structure within an HTML document. It is enclosed with an angle bracket(< >) and it contains start tag, content and end tag.

Example: <p>This is paragraph</p>.

HTML Attributes: HTML attributes used to modify behavior, appearance and functionality of the tags. Attributes are applied within the opening tag of an HTML element and consist of a name and a value. Example: .

Global Attributes: class, id, style, title, tabindex.

Answer 10 : [Github Repo Link](#)