

# HTML Assignment

1=> HTML is Hypertext Markup Language

2=> standard text-encoding system consisting of a set of symbols inserted in a text document to control its structure, formatting, or the relationship between its parts.

3=> XHTML – eXtensible Hypertext Markup Language, XHTML is a stricter and more standardized version of HTML

4=> HTML5

5=> 1. href attribute of <a> specifies the URL of the page the link

2. src attribute of <img> specifies the path to the image

3. alt attribute of <img> provides an alternate text for an image

4. style attribute is used to add styles to an element

6=> data- attributes allow us to store extra information on standard, semantic HTML elements without other hacks such as non-standard attributes, or extra properties on DOM.

7=> first is script, script is used for write .js file (Scripting) then a <script async> script that will be downloaded in parallel to parsing the page, and executed as soon as it is available and last <script defer> a script that will be downloaded in parallel to parsing the page, and executed after the page has finished parsing:

8=> CSS files are linked in the head because they get applied regardless of DOM already rendered or not. Hence the webpage looks elegant as soon as the page loads.

The main reason as to why JS files are linked at the bottom of the body is because whenever a browser encounters any JS, it parses it and executes that on the spot. Hence if it was to be added at the top, it would make the page rendering slow and thus it would take more time for page load. Moreover since the DOM won't be rendered fully, JS won't be able to manipulate the elements.