Mernstack – HTML5

1. Difference b/w HTML & HTML5?

pages using a markup language. HTML is a combination of Hypertext and Markup language. Hypertext defines the link between the web pages. A markup language is used to define the text document within the tag which defines the structure of web pages. This language is used to annotate (at the note for the computer) text so that a machine can understand it and manipulate text accordingly.

**Features of HTML:**

* It allows the creation of hyperlinks with the <a> tag, connecting different web pages.
* Uses tags to mark elements and content, such as headings (<h1> to <h6>).
* It supports embedding images (<img>), videos (<video>), and audio (<audio>) for multimedia content.
* It provides form elements like <form>, <input>, and <button> for user input and data submission.
* Semantic tags like <article>, <section>, and <nav> for better document structure and accessibility.

**HTML 5**is the fifth and current version of HTML. It has improved the markup available for documents and has introduced application programming interfaces(API) and Document Object Model(DOM). It has introduced various new features like drag and drop, geo-location services

**Features of HTML5:**

* Introduced new semantic elements like <header>, <footer>, <section>, and <article> for improved structure.
* Enhances multimedia capabilities with native support for audio and video elements.
* Provides the localStorage API, allowing web applications to store data locally on the user's device.
* Enables websites to access a user's geographical location.
* Uses SQL database to store data offline.

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(2)What are the additional tags used in HTML5?

<header> — Top section of a page or section

<nav> — Navigation links or menus  
<section> — Groups related content together  
<article> — An independent piece of content (like a blog post)  
<aside> — Side content related to main content

<footer> — Bottom section of a page or section  
<main> — Main or central content of the document  
<figure> — Encapsulates media (image, video, etc)  
<figcaption> — Caption for media within a figure