

Ques-2. What is the difference between the HTML 5 family?

Ans. HTML5 Core refers to the fundamental structure and elements of the HTML5 Markup language itself, which include the basic tags and attributes for creating web documents. It serves as the foundation upon which the entire HTML5 specification is built.

HTML 5 Family, on the other hand, encompasses a broader set of technologies and APIs that work in conjunction with HTML5 core to provide enhanced functionality and features for web development.

1. CSS3 :- Cascading Style Sheets 3 (CSS3) is closely related to HTML5 and is used for styling web documents. It introduces advanced styling options, animations, and layout techniques.

2. Java Script :- While not exclusive to HTML5, JavaScript is an essential part of the HTML5 family. It enables applications more interactive.



3. Web APIs :- HTML5 includes a range of web APIs that extend its capabilities. These APIs cover areas like multimedia (HTML5 Audio and video APIs), storage (web Storage and Indexed DB), geolocation, and more.

4. Canvas and WebGL :- HTML5 introduces the `< canvas >` element for dynamic graphics rendering, and WebGL for 3D graphics in the browser, providing rich visual experiences.

5. Web Workers :- HTML5 allows the creation of web workers, which are separate threads for executing JavaScript code in the background, improving performance and responsiveness.

In summary, HTML5 core represents the basic structure and elements of the HTML5 markup language while the HTML5 family encompasses a wider ecosystem of technologies and APIs that work together to enhance web development by enabling multimedia, interactivity, advanced styling, and more.