

1. List out features of HTML 5 ?

HTML5, the latest version of Hypertext Markup Language, introduced several new features and improvements over its predecessors. Here are some key features of HTML5:

1. Semantics: HTML5 introduced new elements that provide better semantic meaning to the structure of a web page, making it easier for search engines and assistive technologies to understand the content. Examples include `<header>`, `<nav>`, `<section>`, `<article>`, `<footer>`, etc.
2. Multimedia support: HTML5 brought native support for audio and video elements, eliminating the need for third-party plugins like Flash. The `<audio>` and `<video>` elements allow you to embed multimedia content directly into web pages with built-in controls and support for various formats.
3. Canvas: The `<canvas>` element enables dynamic rendering and manipulation of graphics and animations using JavaScript. It provides a drawing API that allows you to create 2D and 3D graphics, games, visualizations, and interactive content.
4. Scalable Vector Graphics (SVG): HTML5 introduced support for SVG, a vector graphics format that allows you to create scalable and resolution-independent graphics directly within an HTML document. SVG graphics can be animated, styled, and interacted with using JavaScript and CSS.
5. Geolocation: HTML5 provides an API that enables websites to access a user's geographical location. This feature allows web applications to offer location-based services, such as finding nearby businesses or displaying relevant content based on the user's location.

These are just a few of the prominent features introduced by HTML5. It has significantly enhanced the capabilities of web development, enabling richer multimedia experiences, better semantics, and improved offline functionality.