

Module-5 HTML5

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Sub:- Frontend Assignment

1] What are new tags added in HTML5?

- <article>
- <aside>
- <details>
- <figcaption>
- <figure>
- <footer>
- <header>
- <main>
- <mark>
- <nav>
- <section>
- <summary>
- <time>

2]How to embed audio and video in a webpage?

- To embed audio in HTML, we use the <audio> tag. And use <video> tag to embed video.

3]Semantic element in HTML5?

- Semantic element have meaningful name that tell about the type of content. For example header,footer,table,...etc. HTML5 introduces many semantic elements as mentioned below which make the code easier to write and understand for the developer as well as instruct the browser on how to treat them
- There Some semantic elements:
- <header>,<footer>,<nav>,<article>,<section>,<aside>,<detail>,<figcaption>,<figure>,<main>,<mark>.

4]Canvas and SVG tags.

- The <canvas> tag is used to draw graphics,on the fly,via scripting (usually JavaScript).
- The <canvas> tag is transparent,and is only a container for graphics,you must use a script to actually draw the graphics.

- SVG stand for Scalable Vector Graphics.
- SVF is used to define vector-based graphics for the Web.
- SVG defines graphics in XML format.
- Each element and attribute in SVG files can be animated.
- SVG is a W3C recommendation.
- The HTML <svg> element is container for SVG graphics.
- SVG has several methods for drawing paths, rectangle, circle, text, and much more.