

Module – 6 HTML5

1. What are the new tags added in HTML5?

- ⇒ HTML5 is an upgraded version of HTML. New element are added in HTML5 to write easy and fast code to create complex, dynamic, effective websites. Some of are <article>, <aside>, <data>, <details>, <dialog>, <data>, <figure>, <header>, <section>, <main>, <nav>, <time>, <summary> etc..

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

- ⇒ Html .add <audio> and <video> element to the page; make them display the default browser controls. Give both of them <source> element so that browsers will find the audio format they support best and load it. These should include type attribute.

3. Semantic element in HTML5?

- ⇒ A semantic element clearly describe its meaning to both the browser and the developer. In HTML there are some semantic element that can be used to define different parts of web page: <article>, <aside>, <details>, <figcaption>, <figure>, <footer>, <header>, <main>, <nav>, <section> etc..

4. Canvas and SVG tags

- ⇒ Canvas: The HTML <canvas> element is used to draw graphics, on the fly, via javascript. The <canvas> element is only a container for graphics. We must use JavaScript to actually draw the graphics. Canvas has several methods for drawing paths, boxes, circle, text and adding images.
- ⇒ SVG: SVG stands for scalable vector graphics. SVG is used to define vector-based graphics for Web. The HTML <svg> element methods for drawing paths, rectangles, circle, polygons, txet and much more.