Module 5) HTML5

1. **What are the new tags added in HTML5?**

The semantic elements added in HTML5 are:

* <article>
* <aside>
* <details>
* <footer>
* <header>
* <mark>
* <nav>
* <section>
* <summary>
* <video>

1. **How to embed audio and video in a webpage?**

The HTML5 <audio> and <video> tags make it simple to add media to a website. You need to set src attribute to identify the media source and include a controls attribute so the user can play and pause the media.

<video src = "foo.mp4" width = "300" height = "200" > </video>

1. **Semantic element in HTML5?**

A semantic element clearly describes its meaning to both the browser and the developer. Examples of non-semantic elements: <div> and <span> - Tells nothing about its content. Examples of semantic elements: <form> , <table> , and <article> - Clearly defines its content.

1. **Canvas and SVG tags**

The <canvas> tag is transparent, and is only a container for graphics, you must use a script to actually draw the graphics.

Any text inside the <canvas> element will be displayed in browsers with JavaScript disabled and in browsers that do not support <canvas>.

The <svg> tag defines a container for SVG graphics.

SVG has several methods for drawing paths, boxes, circles, text, and graphic images.