**Drashti Vaishnani**

**Module 5 (HTML5)**

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

There are some Tag include in HTML5

* <article>
* <aside>
* <details>
* <figcaption>
* <figure>
* <footer>
* <header>
* <main>

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

**Audio**:The HTML audio element is used to play an audio file on a web page.

**Video**: The HTML video element is used to show a video on a web page.

**Embed**: The embed element also defines an embedded object within an HTML document.

Example:-

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h1> video element</h1>

    <video src=".."controls height="500px"

        width="70%" autoplay muted loop></video>

    <h1>T audio element </h1>

    <audio src=".." controls muted></audio>

    <h1>embed element.</h1>

    <embed src=".." type="" height="400px" width="100%">

</body>

</html>

**3. Semantic element in HTML5?**

The <section> element defines a section in a document.

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

**SVG:**

SVG stands for Scalable Vector Graphics. SVG is used to define graphics for the Web.

**Example:**

<!DOCTYPE html>

<html>

<body>

<svg width="100" height="100">

  <circle cx="50" cy="50" r="40"

  stroke="green" stroke-width="4" fill="yellow" />

Sorry, your browser does not support inline SVG.

</svg>

</body>

</html>

**Canvas:**

A canvas is a rectangular area on an HTML page. By default, a canvas has no border and no content.

**Example:**

<!DOCTYPE html>

<html>

<body>

<canvas id="myCanvas" width="200" height="100" style="border:1px solid #000000;">

Your browser does not support the HTML canvas tag.

</canvas>

</body>

</html>