**Module -5 (HTML – 5 )**

**(1 ) What are the new tags added in HTML5?**

* New elements are added in HTML 5 to write easy and fast code to create complex ,dynamic engaging ,and effective website . Thease new elements add advanced Functional features, improvised page layouts ,and other improvements. The Commenly used new HTML5 tags .

**Tags Added :**

* <figure>
* <article>
* <header>
* <main>
* <footer>
* <nav>
* <section>

**(2) How to embed audio and video in a webpage?**

**-->** We Are Confortable with adding simple images to a webpages,the next stap is to start adding video and audio player to your HTML documents articale we look at doing just that with the **<video>** And **<audio>** elements off by looking at how to add captions / subtitles to your videos.

**Example :**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title> Video And audio </title>

</head>

<body>

    <video src="./Mitul sindhav.mp4" controls autoplay loop muted></video> <br>

    <audio src="./George's Lament - Go By Ocean \_ Ryan

McCaffrey.mp3" controls  muted></audio>

</body>

</html>

**(3) Semantic element in HTML5?**

**-->** it is essential to understand the meaning of words during communication. And if this is a computer communication the it becomes more critical . so HTML5 provides more sementic element which make easy understanding of code.

Hence semantics defines the meaning of words phrases.

**Semantic elements =** elements with a meaning . semantic elements have a simple and clear meaning for both ,the browser and the developer.

**Example :**

HTML4 we have seen <div> ,<span> etc. are which are non – semantic elements.They dont’t tell anything about its content.

**(4**) **Canvas and SVG tags**

**-->** The HTML canvas element provides HTML a bitmapped surface to work with. It is used to draw graphics on the web page.

The HTML 5 <canvas> tag is used to drow graphics using scripting language .

The <canvas> element is only a container for graphics you must need a scripting language to draw the graphics. The <canvas> elements allows for dynamic and scripting rendering of 2D shapes bitmap images.

It is low level procedural model that updates a bitmap and does not have a built –in scene. There are several methods in canvas to draw paths boxes circle text and add images.