HTML5 Assignment

Q-1:- What are the new tags added in HTML5?

Answer:-

1. <audio>: used to use audio content on the website.
2. <video>: used to use video content on the website.
3. <header>: is used to determine the website’s header section.
4. <footer>: is used to determine the website’s footer section.
5. <nav>: is used for navigation links.
6. <section>: is used to group related content together.
7. <canvas>: is used to draw graphics and animations.
8. <progress>: to show the progress of a task.

Q-2:- How to embed audio and video in a webpage?  
Answer:-

1. Audio Tag:-

<audio controls>

<source src=” “ type=”audio/mp3”>

</audio>

1. Video Tag:-

<video controls>

<source src=” “ type=”video/mp4”>

</video>

Q-3:- Semantic element in HTML5?

Answer:-

A semantic element clearly describes its meaning to the browser.

There Are 2 Types of Semantic Elements:

1. Non-semantic element
2. Semantic Element
3. Non-Semantic elements are <div> and <span> tag.
4. Semantic elements are <article>, <aside>, <details>, <figcaption>, <figure>, <footer>, <header>, <main>, <mark>, <nav>, <section>, <summary>, and <time>.

Q-4 Canvas and SVG Tags?

Answer:-

SVG – Scalable Vector Graphics.

It is updated in HTML5.

Used for drawing 2d graphics on a webpage.

Example:-

<svg height=”300px” width=”300px”>

<rect x=”50” y=”50” height=”200px” width=”200px” style=”fill: dark cyan; stroke-width: 10px; stroke: RGB(61, 2, 2);”></rect>

</svg>

Canvas The graphic to the left is created with <canvas>. It shows four elements: a red rectangle, a gradient rectangle, a multicolor rectangle, and a multicolour text.

Example:-

<body>

<canvas id=”mycanvas” height=”200px” width=”200px”>

</canvas>

<script>

var react= document.getElementById(“mycanvas”);

var r = react.get Context(“2d”);

r.fillstyle=”red”;

r.fillRect(10, 10, 200, 100);

</script>

</body>