**Assignment1**

**Answer 1 HTML:**

No, It is not a tag in HTML, it is called as a document type declaration or a DOCTYPE declaration.

It is used to define the version and type of HTML being using in a web document. It informs the web browser about the version of HTML used in the document, which helps the browser to render the page correctly.

**Answer 2 HTML:**

Semantic tags helps the search engines and other used devices to determine the importance and context of webpages.

It has a greater accessibility.

It offers a better user experience.

Example: <header>

<nav>

<section>

<main> etc

**Answer 3 HTML:**

Tags are the individual HTML markers that define the beginning and end of an element. Elements consists of tags and the content they enclose.

Tags are like the containers and Elements are the complete package that includes the container (tag) and the content inside it.

Example: <h1> hello world! </h1>

In this case, <h1> is the opening tag, "hello world!" is the content, and </h1> is the closing tag. Together, they form an HTML element.

**Answer 4 HTML:**

<https://github.com/Jayasreekonduru13/placementassign/blob/main/html/Q4-resume.html>

**Answer 5 HTML:**

<https://github.com/Jayasreekonduru13/placementassign/tree/main/html/Q5>

**Answer 6 HTML:**

Here are some of the Advantages of HTML5 over its previous versions.

·       It is mobile friendly and easy to use.

·       Web pages contain a wide range of colors, shades, and different font types.

·       HTML5 is compatible with all web browsers.

·       It supports client-side databases.

·       HTML5 has improved performance and security, as it enables storage across       numerous browsers.

·       HTML5 enables designers to use fancier forms.

It provides Geolocation support

**Answer 7 HTML:**

<https://github.com/Jayasreekonduru13/placementassign/tree/main/html/Q7-music>

**Answer 8 HTML:**

The <figure> tag is used as a container for self-contained content, including images, with an optional caption using the <figcaption> tag.

 The <img> tag is specifically used for embedding images and does not include a caption or additional content.

**Answer 9 HTML:**

HTML Tags are the fundamental building blocks of an HTML document. A tag is a way of representing an HTML element in the program, while an attribute is a way of describing the characteristics of an HTML element.

Global Attributes are attributes that can be on any HTML element.

Here are some examples of global attributes:

class, id, style, title, data-

ex: <div class="container" id="myContainer">

          <p style="color: red;">This is a paragraph.</p>

           <img src="image.jpg" alt="Description" title="Image">

   </div>

**Answer 10 HTML:**

<https://github.com/Jayasreekonduru13/placementassign/blob/main/html/Q10.html>