**Assignment 1 Solutions**

**Q.1 <!DOCTYPE html> is it a tag of html? If not, what is it and why do we use it?**  
**Ans**. No! <!DOCTYPE html> is not a HTML tag, it is HTML document type declaration. The DOCTYPE declaration is an instruction to the web browser about what version of HTML we are using in the web page.

**Q.2 Explain Semantic tags in html? And why do we need it?  
Ans.** Semantic tags are those tags which clearly defines its meaning to browser and developer. For eg. <header>, <article>, <footer>.   
Advantages of semantic elements are –   
 - The pages made with semantic elements are much easier to read.  
 - Code written with help of semantic elements is clearer.  
 - Site is easily accessible for screen readers.

**Q.3 Differentiate between HTML Tags and Elements?  
Ans.** HTML tags are the building blocks of the HTML page. They are generally written inside <>. HTML Elements are the components which consists of start tag content and end tag.

**Q.4 Build Your Resume using HTML only.  
Ans.** [**https://github.com/Manash2712/HTML-Assessment-Resume**](https://github.com/Manash2712/HTML-Assessment-Resume)

**Q.5 Write HTML code so that it looks like the below image.  
Ans. [https://github.com/Manash2712/HTML-Assessment-Q5](https://github.com/Manash2712/HTML-Assessment-Q5/blob/main/index.html)**

**Q.6 What are some of the advantages of HTML5 over its previous versions?**

**Ans.** Some advantages of HTML5 over previous versions are:- - Multimedia support - Semantic tags - It is capable of handling inaccurate syntax - DOCTYPE declaration is quite simple and easy to understand

**Q.7 Create a simple Music player using html only.  
Ans.** [**https://github.com/Manash2712/HTML-Assessment-Music-Player**](https://github.com/Manash2712/HTML-Assessment-Music-Player)

**Q.8 What is the difference between <figure> tag and <img> tag?**

**Ans.** <figure> tag is container tag which is used to semantically organize the content of images, videos, audios. <figcaption> can be used along with figure to give caption. <img> tag is used to add an image to the HTML page.

**Q.9 What’s the difference between html tag and attribute and give example of some global attributes?**

**Ans.** HTML tags are starting and ending parts of HTML element. HTML attributes are used to describe the characteristics of HTML element.

**Q.10 Write Html code so that it looks like the below image.  
Ans.** [**https://github.com/Manash2712/HTML-Assessment-Tables/blob/main/index.html**](https://github.com/Manash2712/HTML-Assessment-Tables/blob/main/index.html)