Assignment 1

Q1) <DOCTYPE html> is not a tag in HTML. It is used to tell the browser that the HTML document is written in HTML 5, it also gives us the information about the language, viewport, and other info with the meta tag. It ensures that the browser interprets the HTML code correctly and display the webpages accordingly.

Q2) Semantic tags: It makes the code more understandable and their name gives their purpose and meaning. Ex: <article>, <nav>, etc. These tags helps in improving search engine optimization. By looking at the <nav> tag we can clearly see its purpose, another example to show that is <header> tag which indicates it is the header part of the code.

Q3) HTML tags : are enclosed in a angled brackets (< , >). It tells the browser how to interpret the part of code. Ex: <h1>, <p>, etc.

Elements: it is the HTML tags along with the content inside it. Ex: <h1>This is heading 1 </h1>.

Q6) HTML 5 provides <audio> and <video> and other multimedia support along with other functions. It also provides the sematic tags to make the code more understandable and provide more meaning to it. It also provides the support for graphics and animations. The new input types for the forms are also introduced in this version.

Q8) <img> tag is used to insert the image into the HTML document but it requires attribute like src to provide the source url.

<figure> tag is used to group an image along with its caption as a single entity.

Q9) HTML tags: are enclosed in a angled brackets (< , >). It tells the browser how to interpret the part of code. Ex: <h1>, <p>, etc.

Attributes: it provides additional information about an HTML element. Ex: src and alt are attributes used in img tag which gives additional information about the image source and image alternative in case image doesn’t show up.