**Assignment 1**

1. What do HTML and CSS stand for?

- HTML is Hypertext Markup Language and CSS is Cascading Style sheet

2. Would you rather use HTML or CSS, for putting paragraphs of text on a webpage?

- HTML

3. Would you rather use HTML or CSS, to change the font and background color of a

button?

- CSS

4. What is an HTML tag?

- HTML tag is used to create an HTML element in which the name of the element enclosed between the ankle brackets is the opening tag and same thing along with a slash is the closing tag.

5. What are the three parts of an HTML element? (image from paragraph)

- Opening tag, Closing tag and Enclosed text content

6. What is the purpose of the doctype declaration?

- Doctype HTML is an information to the browser what version of HTML the document is written in.

7. What is the HTML element

-An HTML element is defined by a start tag, some content, and an end tag. Elements are part of the DOM, the document model for displaying the page in the browse.

8. What is the purpose of the head element?

-The <head> HTML element contains machine-readable information (metadata) about the document, like its title, scripts, and style sheets.

9. What is the purpose of the body element?

-The <body> HTML element represents the content of an HTML document. There can be only one <body> element in a document.

10. How do you create a paragraph in HTML?

- The HTML <p> element defines a paragraph. It starts with the <p> tag and ends with <p/> A paragraph always starts on a new line, and browsers automatically add some white space (a margin) before and after a paragraph.

11. How do you create a heading in HTML?

- HTML provides 6 tags to create headings i.e. h1, h2, h3, h4, h5 and h6. Use any of the heading tags <h1> to <h6>

12. How many different levels of headings are there and what is the difference between

them?

- every tag will give you the different size of the heading. The <h1>tag defines the most important heading and <h6> defines the least important heading.

13. What element should you use to make text bold and important?

- <strong>HTML element.

14. What element should you use to make text italicized to add emphasis to it?

- <em> HTML element.

15. What relationship does an element have with any nested elements within it?

- Any element nested within a particular element will have a parent-child relationship.

16. What relationship do two elements have if they are at the same level of nesting?

- Siblings relationship.

17. How do you create HTML comments?

- Everything between the <!-- and the --> is a comment and will be hidden from the display.

18. What HTML tag is used to create an unordered list?

- <ul>tag

19. What HTML tag is used to create an ordered list?

- <ol> tag

20. What HTML tag is used to create list items within both unordered and ordered lists?

-<li> tag

21. What element is used to create a link?

-<a> element

22. What is an attribute?

- An HTML attribute is a piece of markup language used to adjust the behavior or display of an HTML element. It provides additional information about elements and are always specified in the start tag and usually come in name/value pairs like: name="value"

23. What attribute tells links where to go?

- target attribute.

24. What is the difference between an absolute and relative link?

- Links to other websites on internet is called absolute links and links to other pages within our own website is called relative link.

25. Which element is used to display an image?

-<img> element

26. What two attributes do images always need to have?

- src and alt attribute.

27. How do you access a parent directory in a file path?

- The parent folder will be the folder that is listed before the final slash in the file path. Type cd .. in terminal on mac and command on windows.

28. What are the four main image formats that you can use for images on the web?

- .jpg,.png, .gif, .svg