1st Lecture:

1. What do HTML and CSS stand for?  
 - HTML(hypertext markup language) and CSS (cascading style sheet) are the structure and visual look of one web application.

2. Would you rather use HTML or CSS, for putting paragraphs of text on a webpage?  
 - every styling is best practice to be made with CSS selectors   
3. Would you rather use HTML or CSS, to change the font and background color of a  
button?  
 - any change in the visual behavior of one web application is good to be made using CSS  
4. What is an HTML tag?  
 - HTML element defining a structure and content closed in <> </>   
5. What are the three parts of an HTML element? (image from paragraph)  
 - the first part is the opening tag of the paragraph  
 - the second is the content inside the P tag   
 - the third is the closing tag of the P tag  
6. What is the purpose of the doctype declaration?  
 - The purpose of the doctype declaration is to inform the web browser about the document type and the version of the markup language being used so that the browser can render the document correctly.  
7. What is the HTML element?  
 - HTML elements are the fundamental building blocks of any HTML document and are used to structure and display content on the web.  
8. What is the purpose of the head element?  
 - to contain the metadata about the document, like its title, scripts and style sheets  
9. What is the purpose of the body element?  
 - to contain the content of the HTML document  
10. How do you create a paragraph in HTML?  
 - with opening <p> … content … </p>  
11. How do you create a heading in HTML?  
 - there are 6 levels of heading from h1 to h6. The h1 is the most important and the h6 is the least important. <h1>Content</h1>  
12. How many different levels of headings are there and what is the difference between  
them?  
 - there are 6 levels of headings. It's important to note that headings should be used to structure the content of your web page, not just to make text bigger or bolder. It's good practice to use headings logically and hierarchically, with one main heading (usually a <h1> tag) and subheadings (using <h2>, <h3>, etc.) to break up the content and make it more readable for users and search engines.  
13. What element should you use to make text bold and important?  
 - I prefer to use the CSS to style the text but also can be used strong tag   
14. What element should you use to make text italicized to add emphasis to it?  
 - <em>content</em>  
15. What relationship does an element have with any nested elements within it?  
 - The parent-child relationship between HTML elements is important because it defines the structure and hierarchy of a web page. The child elements are contained within the parent element and inherit certain properties, such as font styles or color, from their parent.  
16. What relationship do two elements have if they are at the same level of nesting?  
 - they take the applied styles from their parent. They are equal.  
17. How do you create HTML comments?  
 - with <!-- COMMENT -->  
18. What HTML tag is used to create an unordered list?  
 **- <ul>** <li>Some text</li>**</ul>**  
19. What HTML tag is used to create an ordered list?  
 - **- <ol>** <li>Some text</li>**</ol>**  
20. What HTML tag is used to create list items within both unordered and ordered lists?  
 - <li>Some text of list item </li>  
21. What element is used to create a link?  
 - the **a** tag  
22. What is an attribute?  
 - it’s a modifier that provides additional information for the HTML element. It’s with name and the value.  
23. What attribute tells links where to go?  
 - href = “www.google.com”  
24. What is the difference between an absolute and relative link?  
 - the absolute link Is pointing to the website, and the relative URL is pointing to the file within a website.   
25. Which element is used to display an image?  
 - <img src=”” alt=”some text” />  
26. What two attributes do images always need to have?  
 - src-> source and alt-> alternative text when the image is not displayed   
27. How do you access a parent directory in a file path?  
 - ../  
28. What are the four main image formats that you can use for images on the web?  
 - jpeg, png, gif, svg