1. What do HTML and CSS stand for?

* HTML stands for Hypertext Markup Language. CSS stands for Cascading Style Sheets

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

* You would use HTML to put paragraphs of text on a webpage

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

* You would use CSS to change the font and background color of a button.

4. What is an HTML tag?

* An HTML tag is a piece of code that is placed around content to indicate to a web browser how that content should be displayed.

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

* The three parts of an HTML element are the opening tag, the content, and the closing tag.

6. What is the purpose of the doctype declaration?

* The purpose of the doctype declaration is to specify which version of HTML is being used in the document.

7. What is the HTML element?

* The HTML element is the root element of an HTML document, and it is used to enclose all other HTML elements

8. What is the purpose of the head element?

* The purpose of the head element is to contain metadata about the document, such as the title, stylesheets, and scripts.

9. What is the purpose of the body element?

* The purpose of the body element is to contain the main content of the document, such as text, images, and videos.

10. How do you create a paragraph in HTML?

* To create a paragraph in HTML, you would use the <p> element.

11. How do you create a heading in HTML?

* To create a heading in HTML, you would use the <h1> to <h6> elements, with <h1> representing the largest and most important heading and <h6> representing the smallest and least important heading.

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

* There are six levels of headings in HTML, ranging from <h1> to <h6>. The difference between them is the size and importance of the heading.

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

* To make text bold and important in HTML, you would use the <strong> element.

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

* To make text italicized to add emphasis in HTML, you would use the <em> element.

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

* An element has a parent-child relationship with any nested elements within it.

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

* If two elements are at the same level of nesting, they have a sibling relationship.

17. How do you create HTML comments?

* To create HTML comments, you would use the <!-- and --> tags.

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

* The <ul> element is used to create an unordered list in HTML.

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

* The <ol> element is used to create an ordered list in HTML.

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

* The <li> element is used to create list items within both unordered and ordered lists in HTML.

21. What element is used to create a link?

* The <a> element is used to create a link in HTML.

22. What is an attribute?

* An attribute is a piece of additional information that is added to an HTML element to provide more information about that element.

23. What attribute tells links where to go?

* The href attribute tells links where to go.

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

* An absolute link is a link that points to a specific URL, while a relative link is a link that points to a location relative to the current page.

25. Which element is used to display an image?

* The <img> element is used to display an image in HTML.

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

* Images in HTML always need to have the src attribute, which specifies the source of the image, and the alt attribute, which provides an alternative text description of the image.

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

* To access a parent directory in a file path, you would use ../ before the directory you want to access.

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

* The four main image formats that you can use for images on the web are JPEG, PNG, GIF, and SVG.