HTML ASSIGNMENT

1. What does HTML stand for?

**HyperText Markup Language.**

2. What is the purpose of the <head> tag in HTML?

The <head> tag contains **metadata** about the document, that isn't displayed on the page.

3. Write the basic structure of an HTML document.

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Page Title</title>

</head>

<body>

<h1>Hello, World!</h1>

</body>

</html>

4. What tag is used to create a hyperlink in HTML?

<a>: Anchor tag.

5. Which tag is used to display an image? What attribute is needed?

<img> tag is used to display the image . Attributes include “src” and “alt”

6. How do you create an ordered list and unordered list in HTML?

<ol>

<li>First</li>

<li>Second</li>

</ol>

<ul>

<li>Apple</li>

<li>Banana</li>

</ul>

7. What is the difference between <b> and <strong> tags?

<b> makes text **bold** for visual emphasis.

<strong> indicates **important** text and also makes it bold.

8. How do you insert a line break in HTML?

<br> Break tag is used for this purpose.

9. What is the purpose of the alt attribute in an image tag?

It provides **alternative text** if the image can't be displayed .

10. How do you make text italic in HTML

Using <i> tag

11. What is the purpose of the <b> and <strong> tags in HTML?

<b>: for bold styling

<strong>: for **important** text with meaning.

12. Which tag is used to italicize text in HTML?

Using <i> tag.

13. What is the difference between <i> and <em> tags?

<i> is used for **styling** .<em> is for **emphasis** has a semantic meaning and usually renders as italic.

14. How do you underline a word using HTML?

Using underline. tag that is,<u>

15. Which tag is used to strike through (cut) text?

Using the <s> tag.

16. How do you create a hyperlink to Google using HTML?

<a href="https://www.google.com">Visit Google</a>

17. How do you make a link open in a new browser tab?

<a href="https://www.google.com" target="\_blank">Open Google</a>. Mainly \_blank is used to open in a new tab.

18. What attribute is used to define the destination of an anchor (<a>) tag?

The href attribute.

19. Write the tag to insert an image from a web URL.

<img src="https://example.com/image.jpg" alt="Example Image">

20. What attribute is used to add alternate text to an image?

The alt attribute.

21. How do you change the size of an image using HTML attributes?

<img src="image.jpg" width="300" height="200">

22. What does the <div> tag do in HTML?

The <div> tag defines a **division or section** in an HTML document and is commonly used for layout.

23. How can you center a <div> using HTML inline styles?

<div style="width: 300px; margin: auto;">Centered Div</div>

24. What does margin: auto; do in a <div> style?

It **automatically adjusts left and right margins,** centering the element horizontally.

25. What is UTF-8 and where do you declare it in an HTML document?

<meta charset="UTF-8">