HTML INTERVIEW QUESTIONS

1. What is HTML?

HTML stands for Hypertext Markup Language. It is the standard language used to create and design documents on the World Wide Web. HTML structures web content and allows the inclusion of text, images, links, and other elements.

2. What are HTML tags?

HTML tags are the building blocks of HTML. They are used to create elements and structure content on a web page. Tags are enclosed in angle brackets, For example, <p> for a paragraph. Most tags come in pairs: an opening tag <p> and a closing tag </p>.

3. What is the basic structure of an HTML document?

An HTML document has a defined structure that includes the following elements:

<!DOCTYPE html**>**

<**html**>

<**head**>

<title>Page Title</title>

</**head**>

<**body**>

</**body**>

</**html**>

- **<!DOCTYPE html>**: Declares the document type and version of HTML.

- **<html>:** The root element of the document.

- **<head>:** Contains meta-information about the document, such as the title and links to stylesheets.

- **<title>**: Specifies the title of the document, displayed in the browser's title bar.

- **<body>:** Contains the content of the document, such as text, images, and other elements.

4. What is the difference between an element and a tag in HTML?

- **Tag:** A tag is a part of HTML syntax used to define elements. Tags are enclosed in angle brackets, e.g., <div>.

- **Element:** An element consists of a start tag, content, and an end tag. For example, <p>This is a paragraph. </p> is a paragraph element.

5. What are attributes in HTML?

Attributes provide additional information about HTML elements. They are included within the opening tag and usually come in name-value pairs, like name="value".

For example, in Link, href is an attribute specifying the URL of the link.

6. What is the purpose of the <img> tag in HTML?

The <img> tag is used to embed images in an HTML document. It is a self-closing tag and requires the src attribute to specify the image source:

<img src="image.jpg**" alt="**Description of image**">**

- **src:** Specifies the path to the image file.

- **alt:** Provides alternative text for the image, which is displayed if the image cannot be loaded.

7. What is the purpose of the <br> tag?
 The <br> tag inserts a line break in the text, moving the content after the tag to a new line. It's an empty tag and doesn't require a closing tag.

8. What is the <title> tag used for?
The <title> tag defines the title of the HTML document, which appears in the browser's title bar or tab. It's placed within the <head> section.

9. What is the difference between <head> and <body> tags?
- **<head>:** Contains meta-information about the document, such as the title, character set, and links to stylesheets and scripts.
- **<body>:** Contains the actual content of the document that is displayed in the browser, such as text, images, and links.

10. What is the purpose of the alt attribute in the <img> tag?
The alt attribute provides alternative text for an image, which is displayed if the image cannot be loaded. It also improves accessibility by describing the image to screen readers.