

# **HTML5 INTERVIEW QUESTIONS**

## **1- What is html?**

- Html stands for hypertext markup language,
- html is a standard markup language used to creating a web pages,
- it describe the structure of the web page
- created by Berners-Lee in 1991
- It consists of a series of elements, and the HTML elements tell the browser how to display the content.

## **2-What are the tags in html?**

- Tags are used to mark up the start and end of HTML elements.tags are basically a reserved keyword which have some specific meaning. They are enclosed in angle brackets < >.

## **3-What is the difference between HTML and HTML5?**

- HTML5 is the latest version of HTML with new elements like,<video>,<canvas>,<audio>,and APIs for better multimedia and graphic capabilities.

## **4-What is the declaration <!DOCTYPE HTML> in HTML**

- : It informs the browser about the version of HTML used in the document. For HTML5, it is <!DOCTYPE HTML>

## **5-. What are attributes in HTML?**

- Attributes provide additional information about HTML elements, usually defined within the opening tag, like id, class, src, etc.

## **6-What is the difference between block-level and inline elements?**

### **Block-level**

- A block-level element always starts on a new line, and the browsers automatically add some space (a margin) before and after the element.
- A block-level element always takes up the full width available (stretches out to the left and right as far as it can).
- Two commonly used block elements are: <p> and <div>.
- Other example of block level elements are - form,table,nav,header,footer,list,canvas,video

### **Inline-Element**

- Inline element does not start from new line
- Inline element only takes as much space as neccesary
- Example of inline elements are - span, img, text formatting tags ,quats, void tags

## **7-What is the purpose of the meta tag?**

- The <meta> tag provides metadata about the HTML document
- -The <meta> element is typically used to specify the
  - 1-character set,- utf-8-(Unicode Transformation Format)----->The HTML5 specification encourages web developers to use the UTF-8 character set, which covers almost all of the characters and symbols in the world!
  - 2-page description,
  - 3-keywords,
  - 4-author of the document, and viewport settings.
- The metadata will not be displayed on the page, but is used by browsers (how to display content or reload page),
- by search engines (keywords), and other web services.

## **8-What is a semantic element in HTML?**

- Semantic element describe its meaning to both the developer and the browser, it helps in search engine optimization and screen reader for blind person
- Example of semantic elements are header,nav,footer,aside,section,article,form,table etc

## **9-What is the difference between <div> and <span> ?**

- Div is a block level element used for large section of an web page, whereas span tag is an inline element used for styling small parts test or an element

## **10-What is the role of the <head> element?**

- Head tag is used to contain meta information about the html document.it contains metadata,link,title,and stylesheet

## **11- What is the use of the alt attribute in an image tag?**

- Alt attribute defines the alternative text of an image if the image does not get displayed, it is also useful for screen readers.

## **12-What is the difference between id and class attributes?**

- The id attribute is an unique and used only once per page, while class can be used for multiple time for a same element in a same page

## **13-What is the use of the <br> tag?**

- The <br> tag inserts a line break in the text, without starting a new paragraph

## **14-What is a self-closing tag or a void tag?**

- A self-closing tag is an html tag which does not require a closing tag
- Example of void tags are <br>,<img>,and <hr>

### **15-What is the difference between the <b> and <strong> tags?**

- <b> tag is used to style the text normal to bold it is related to styling of the text , it does not tells anything about the importance of the text where as <strong> text is used to emphasis the text and tells that the test is important

### **16- . What is the purpose of the <section> element?**

- Section element is used to group the related content within a web page.typically with its own heading

### **17-What is the use of the <aside> tag?**

- The <aside> tag is used to define content that is tangentially related to the main content, often used for sidebars or extra information.

### **18-What is the viewport and how do you set it in HTML?**

- The viewport is the visible area of a web page. we can set it using the meta tag for responsive design:

### **19-Define multipart form data?**

- Multipart is a enctype attribute's value , enctype specify how the data is sent to the server , if we use multipart enctype then the data is sent to server in multiple parts

### **20-Difference between link tag <link> and anchor tag <a>?**

- Anchor tag is used to hyperlink another page and these links are clickable whereas link tag defines the link between the document and the external source and these links are not clickable